

5' TEMPLATE ← 3'
REVERSE PRIMER →

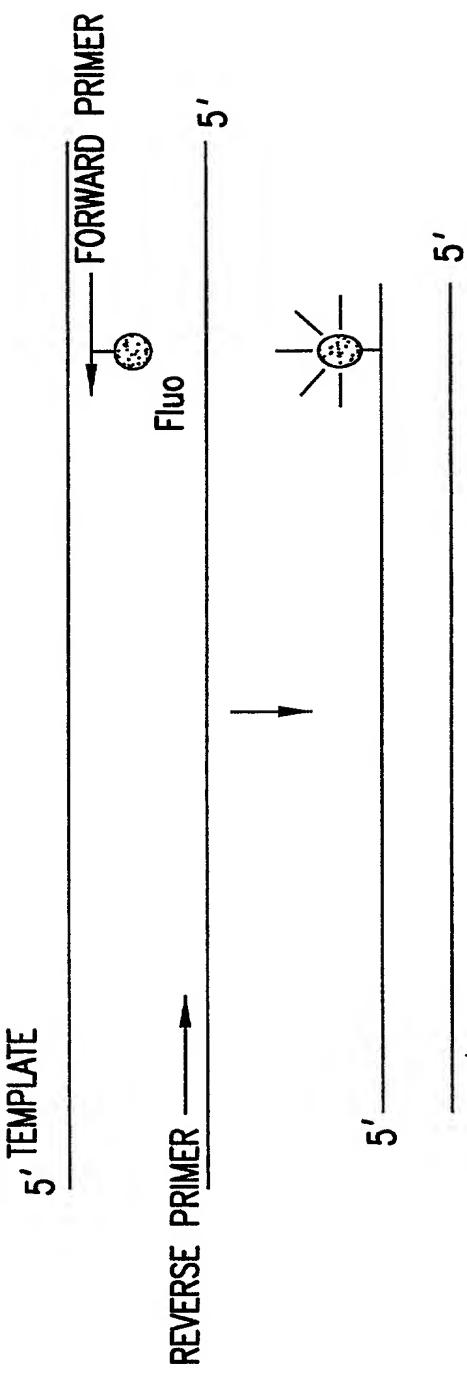


FIG. 1A

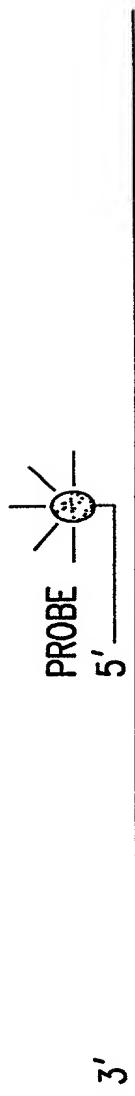


FIG. 1B

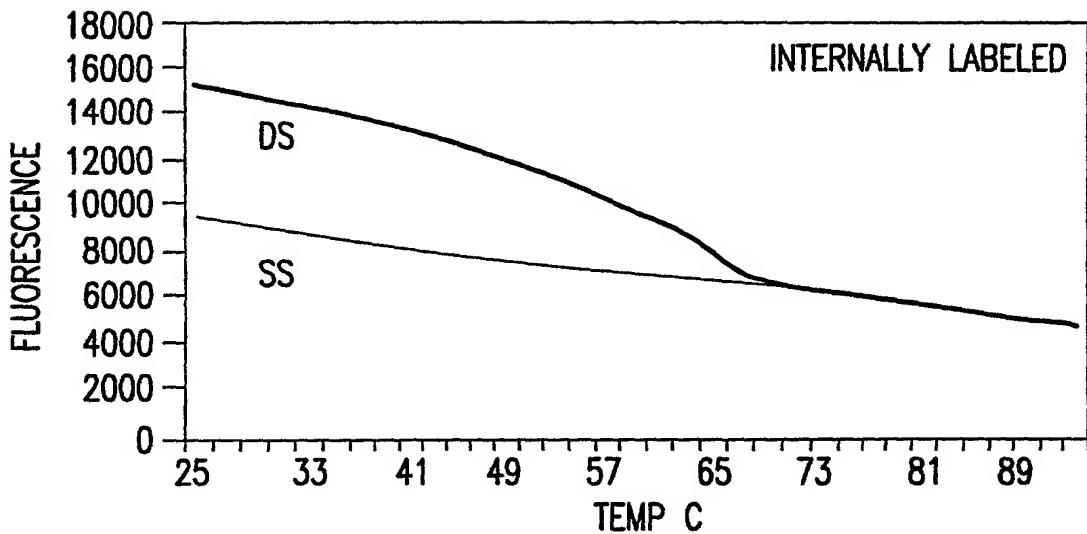


FIG.2A

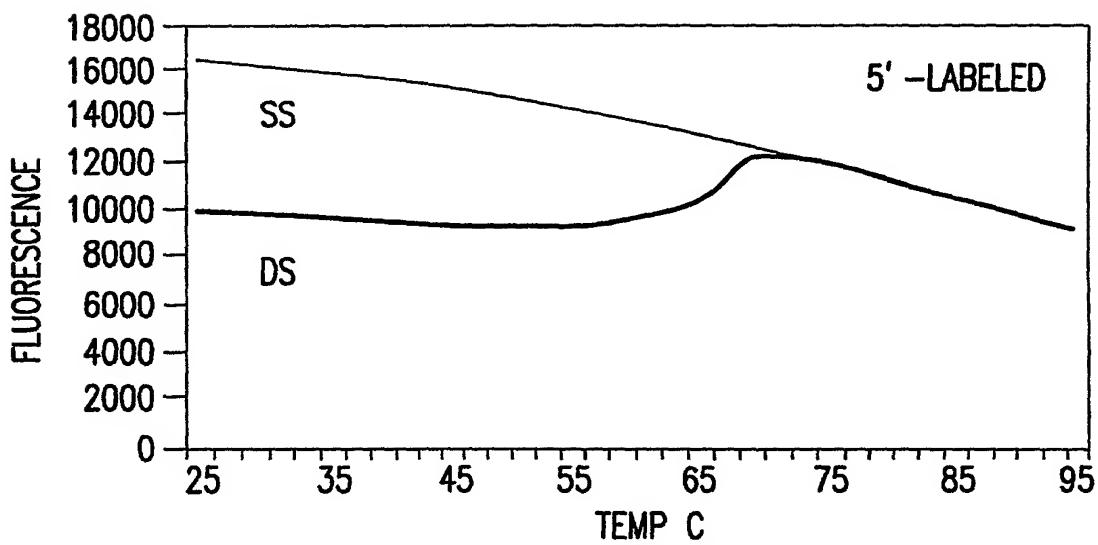


FIG.2B

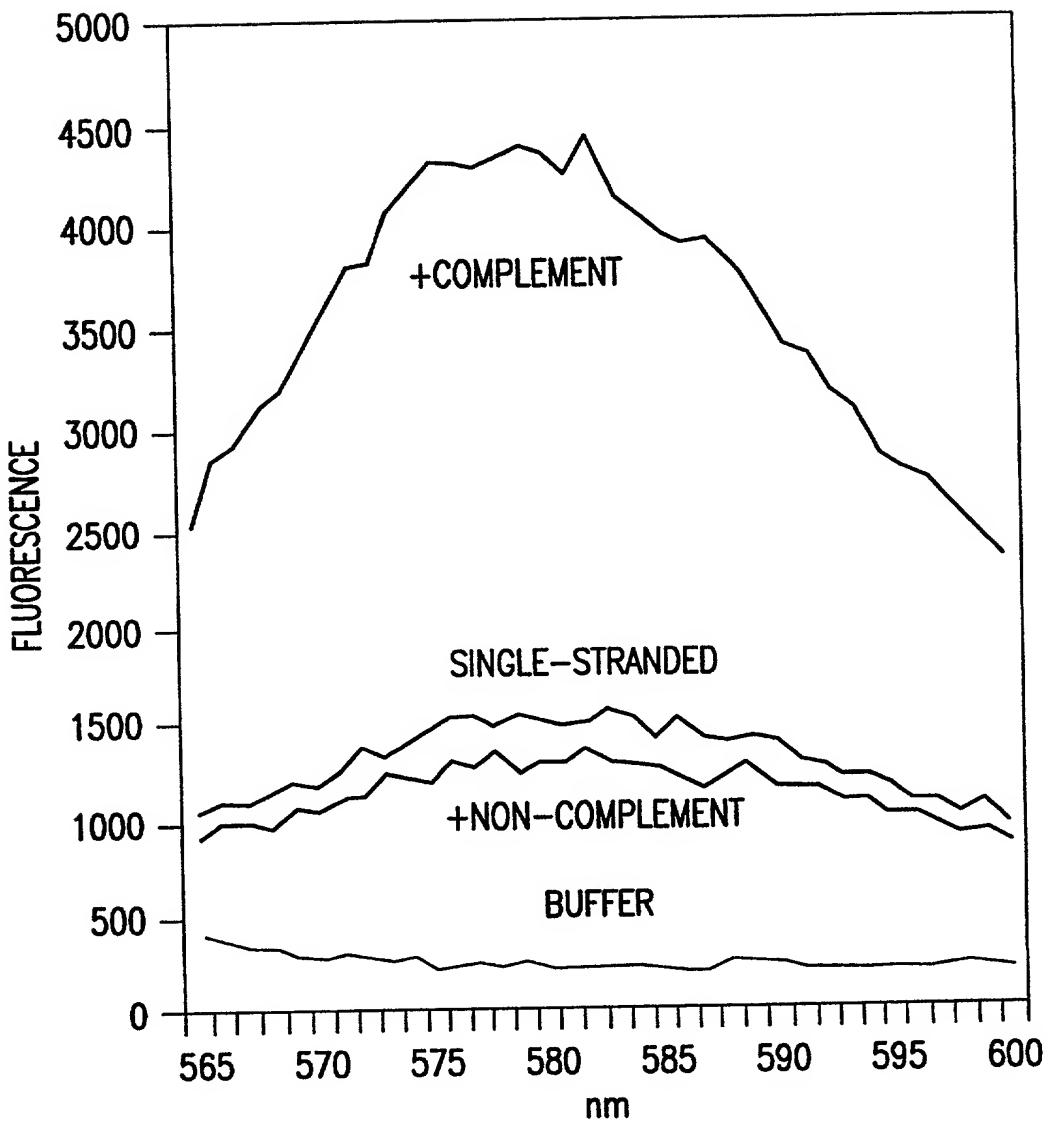


FIG.3

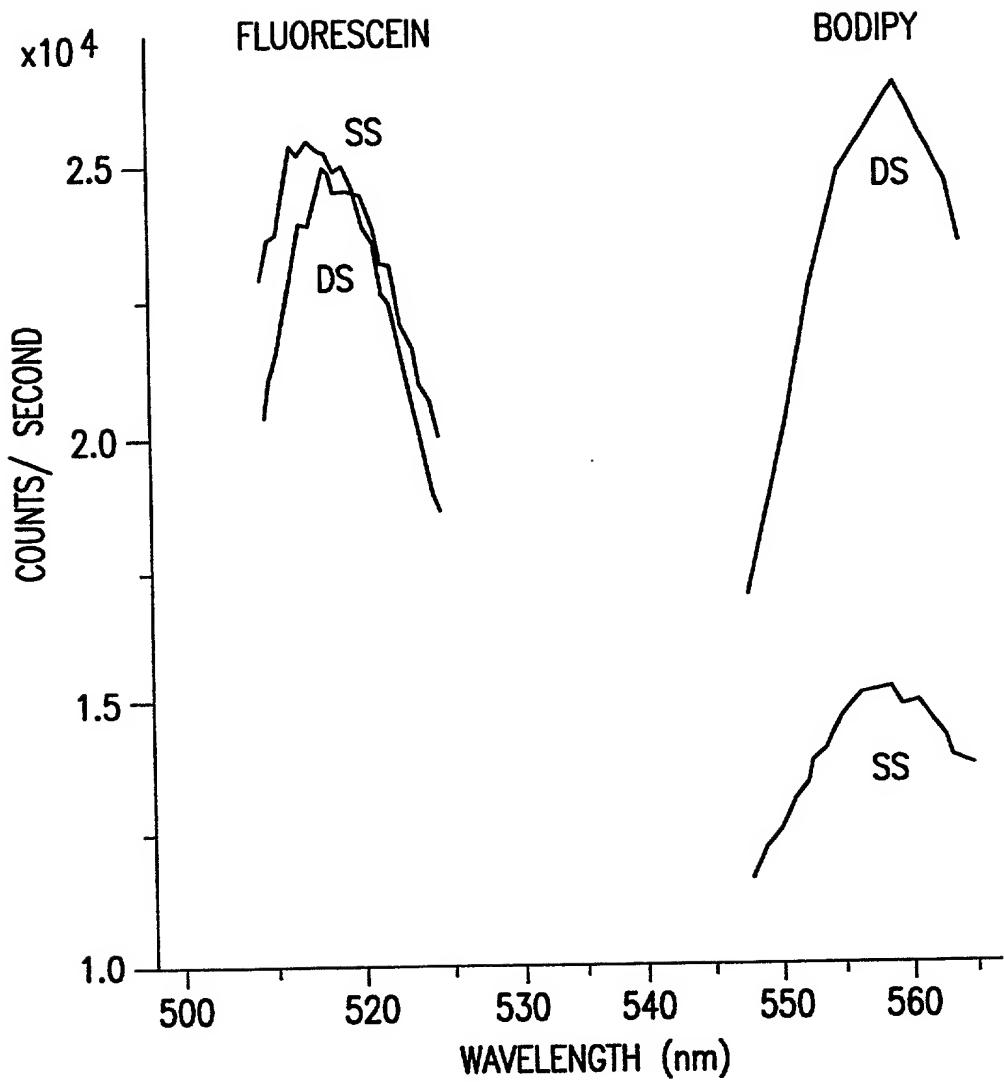


FIG.4

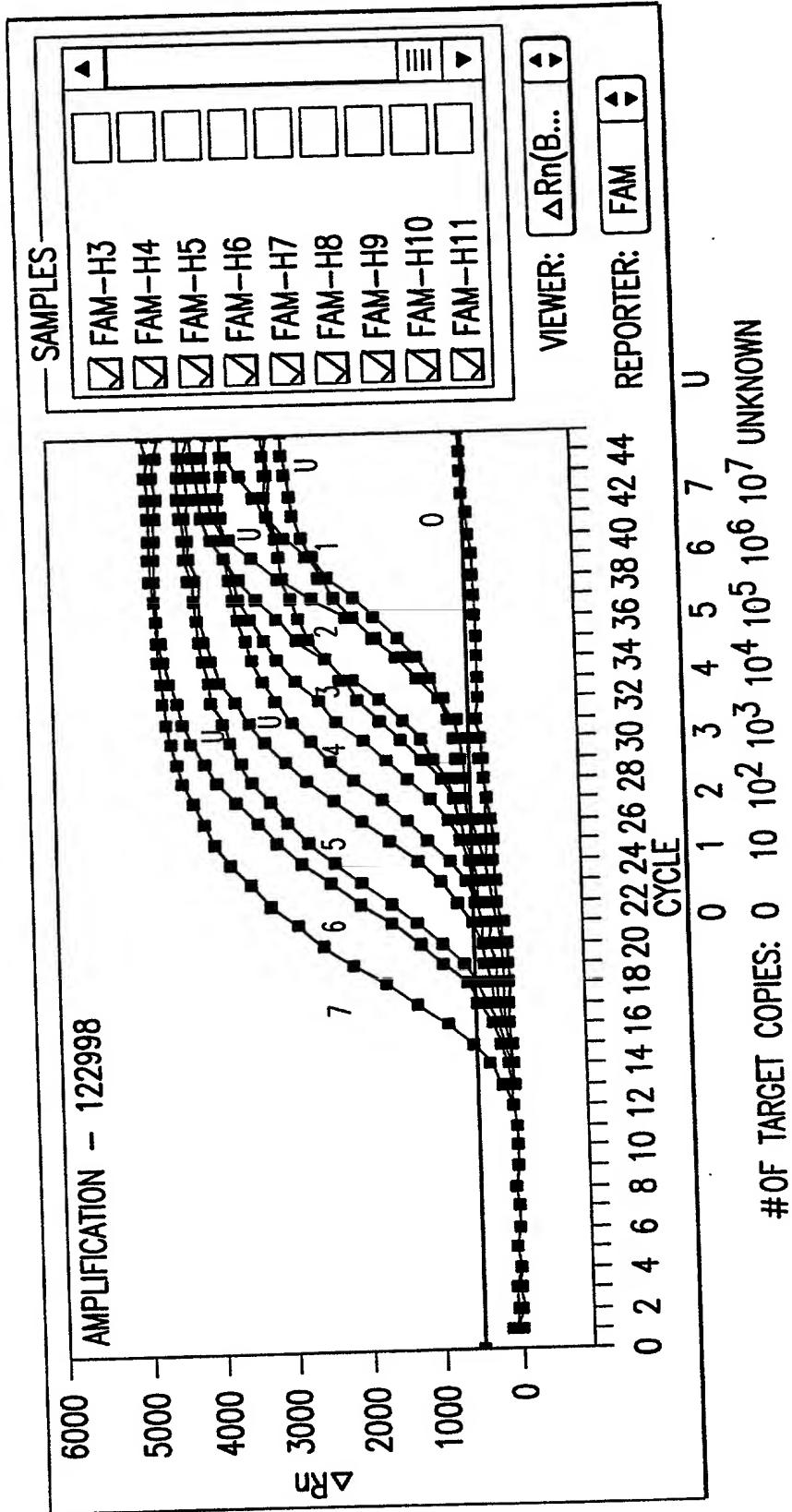


FIG. 5A

THRESHOLD CYCLE CALCULATION															
<u>THRESHOLD</u>															
USE THRESHOLD:	<input type="text" value="505.0"/>	SUGGEST													
MULT. * STDDEV:	<input type="text" value="10.0"/>	*	<input type="text" value="14.012"/>												
OMIT THRESHOLD:	<input type="text" value="2.0"/>														
<u>BASELINE</u>															
START:	<input type="text" value="4"/>	STOP:	<input type="text" value="12"/>												
UPDATE CALCULATIONS															
<table border="1"> <thead> <tr> <th>CT</th> <th>STD DEV</th> </tr> </thead> <tbody> <tr> <td>FAM-G1</td> <td>45.000</td> </tr> <tr> <td>FAM-H1</td> <td>30.459</td> </tr> <tr> <td>FAM-H2</td> <td>26.266</td> </tr> <tr> <td>FAM-H3</td> <td>22.661</td> </tr> <tr> <td>FAM-H4</td> <td>18.267</td> </tr> </tbody> </table>				CT	STD DEV	FAM-G1	45.000	FAM-H1	30.459	FAM-H2	26.266	FAM-H3	22.661	FAM-H4	18.267
CT	STD DEV														
FAM-G1	45.000														
FAM-H1	30.459														
FAM-H2	26.266														
FAM-H3	22.661														
FAM-H4	18.267														
<table border="1"> <thead> <tr> <th>▲</th> <th>▼</th> </tr> </thead> <tbody> <tr> <td>23.908</td> <td></td> </tr> <tr> <td>18.654</td> <td></td> </tr> <tr> <td>14.066</td> <td></td> </tr> <tr> <td>18.699</td> <td>▼</td> </tr> </tbody> </table>				▲	▼	23.908		18.654		14.066		18.699	▼		
▲	▼														
23.908															
18.654															
14.066															
18.699	▼														

FIG. 5B

10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

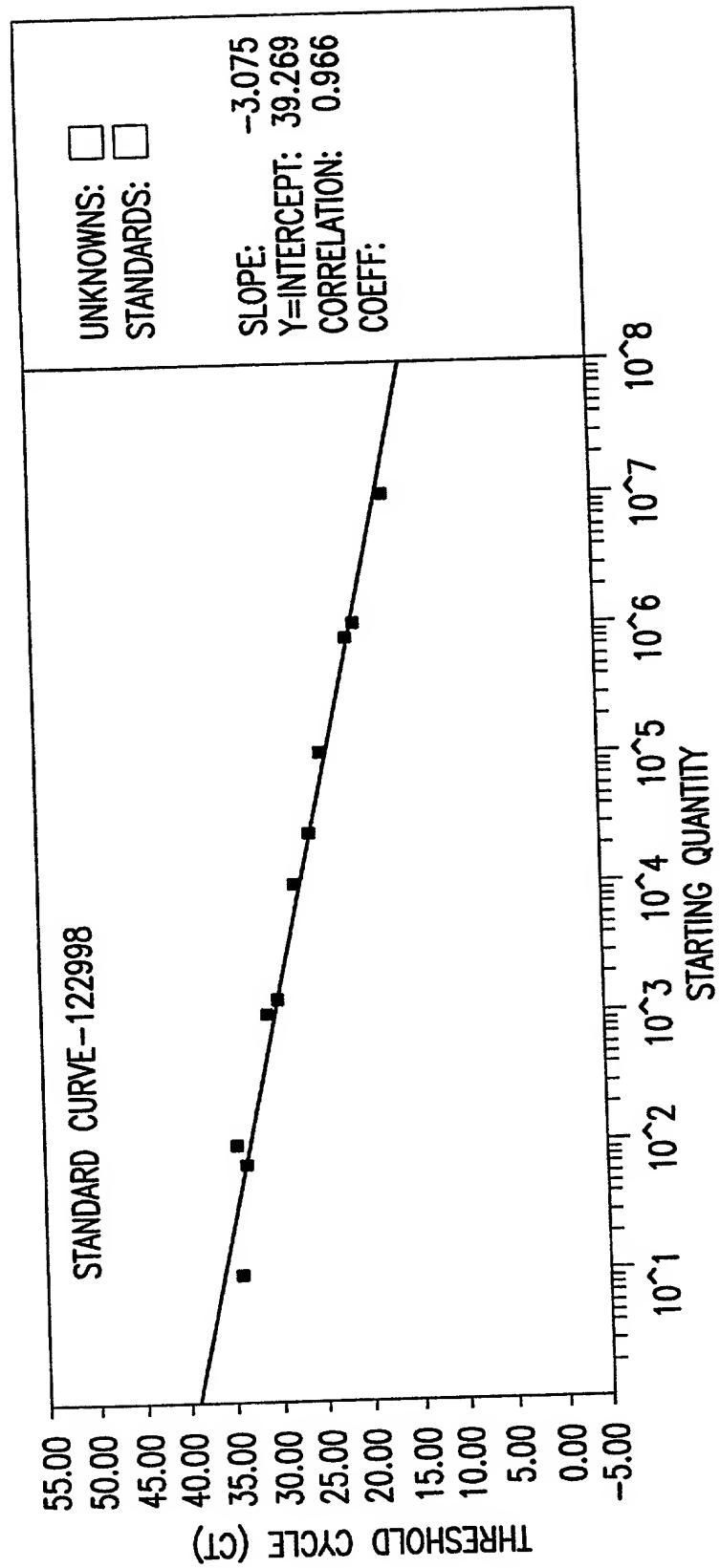


FIG. 5C

more and more many times easier in more and more difficult, more and more expensive

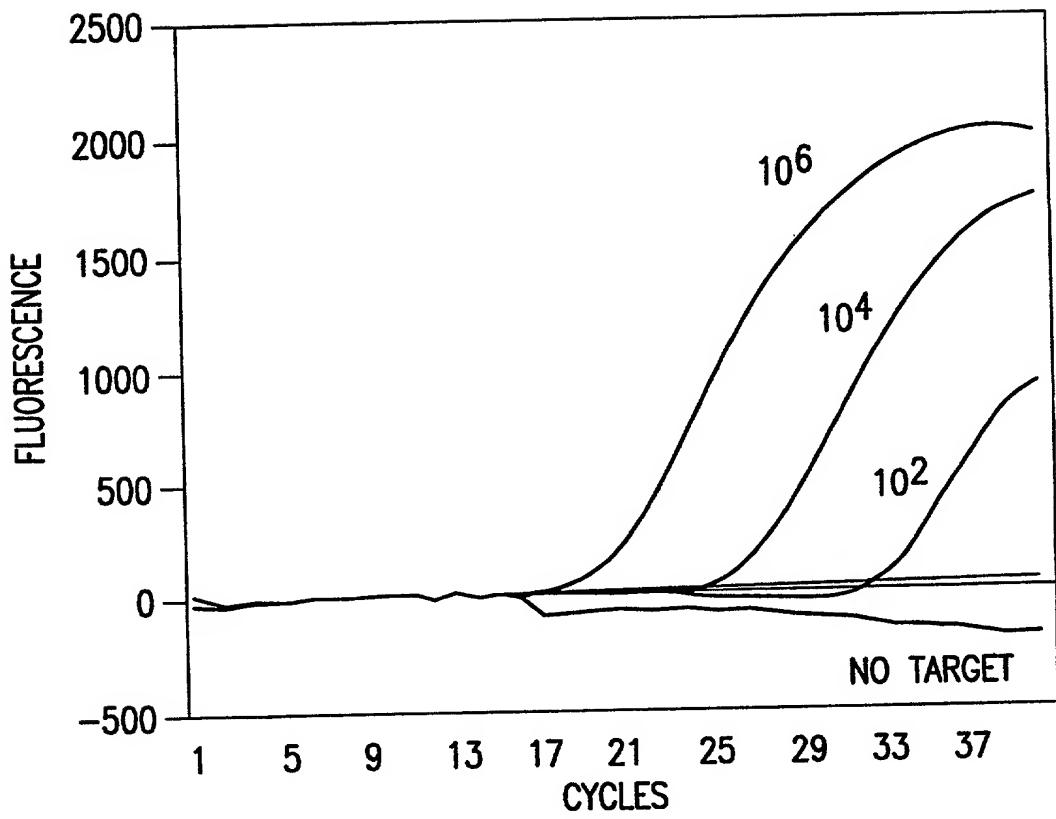


FIG.6

target DNA target RNA target cDNA target ICQ target ICQ

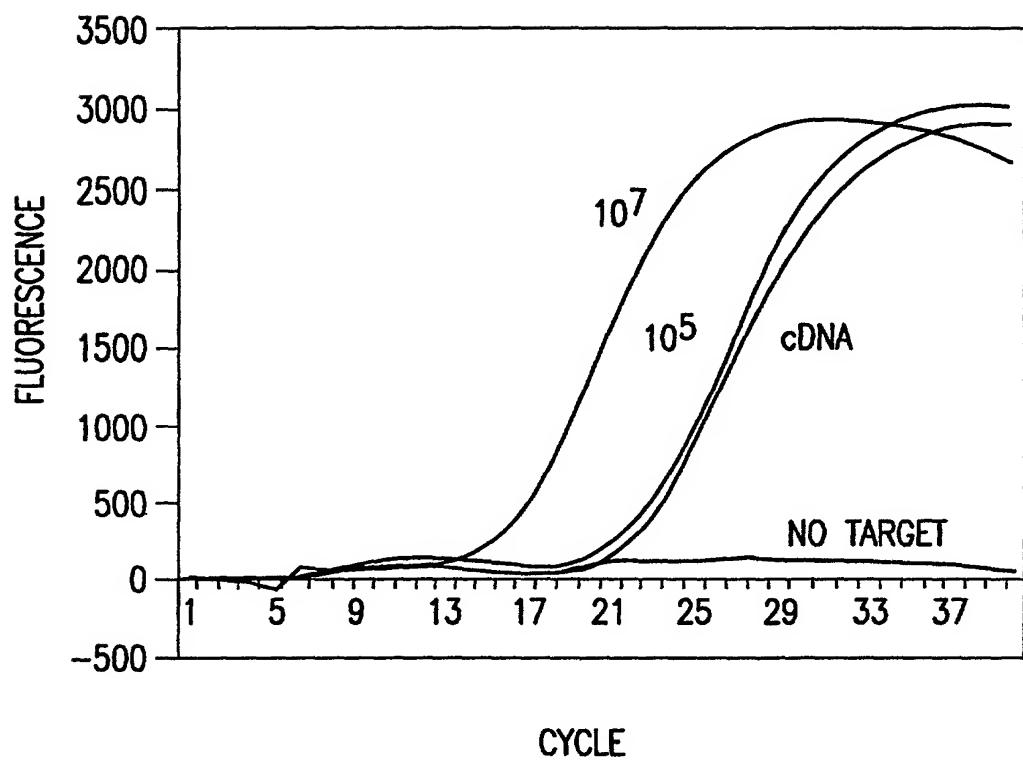


FIG.7

more than 10⁶ copies were used to show that even at this level, the assay was linear.

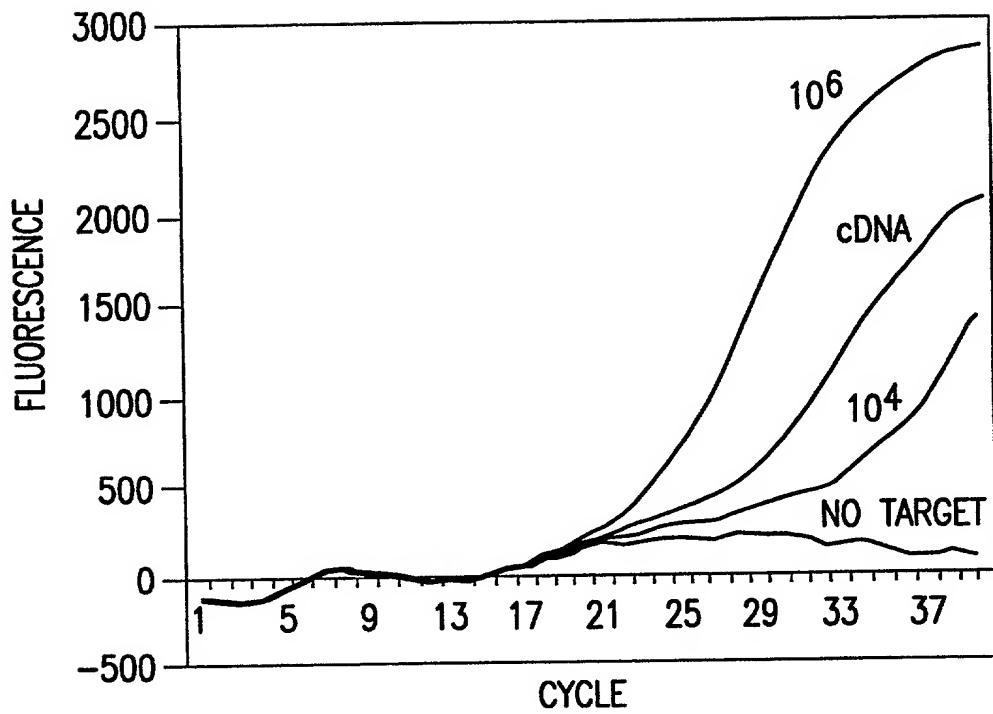


FIG.8

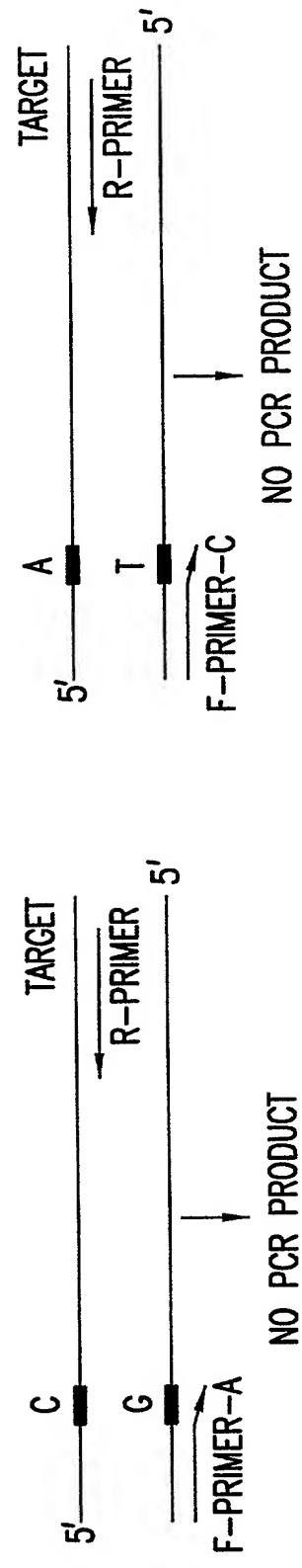
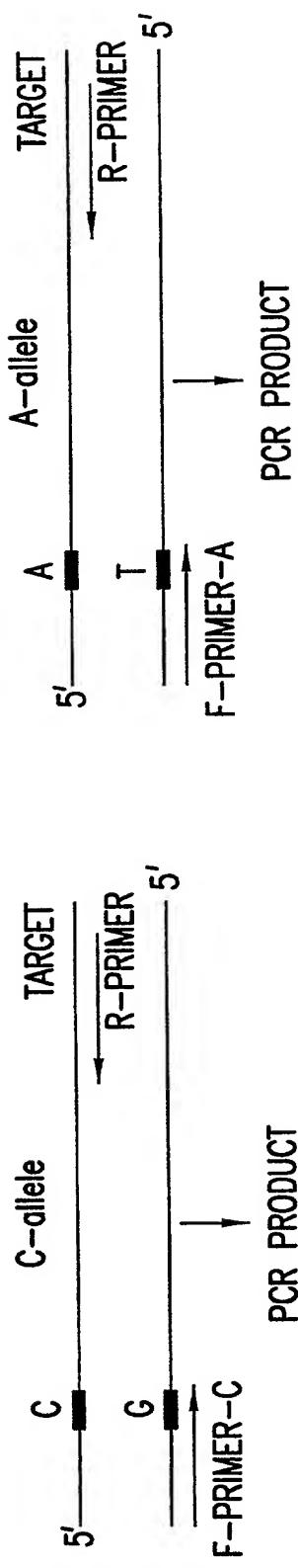
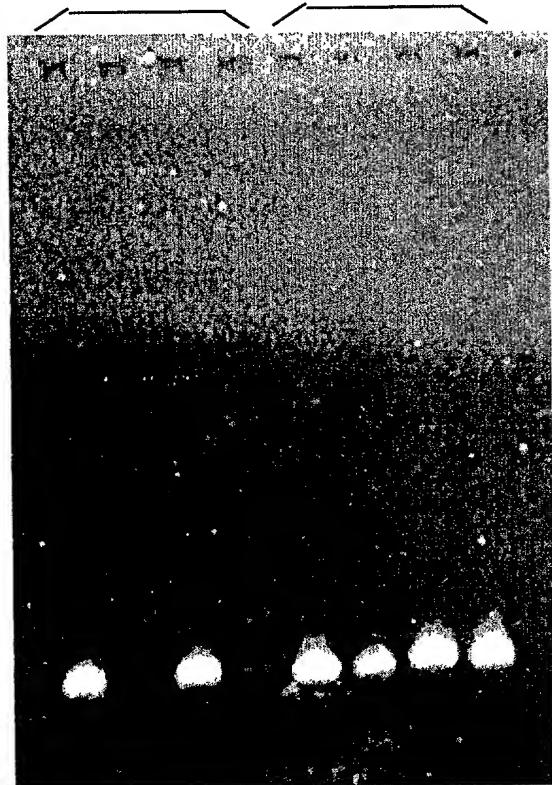


FIG. 9

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modified unmodified



1 2 3 4 5 6 7 8

FIG.10

influence of time and temperature on the thermal stability of polyacrylate

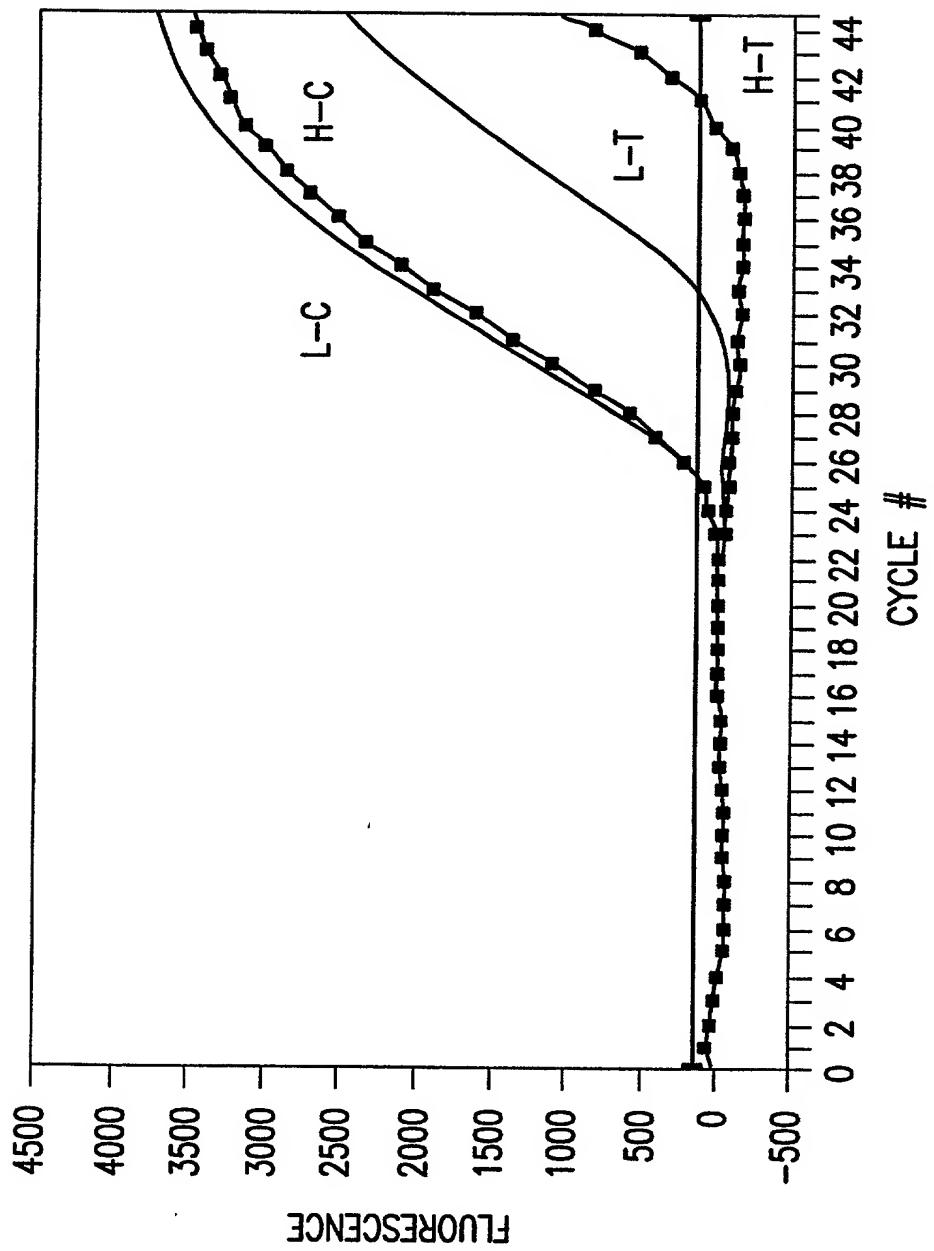


FIG. 11

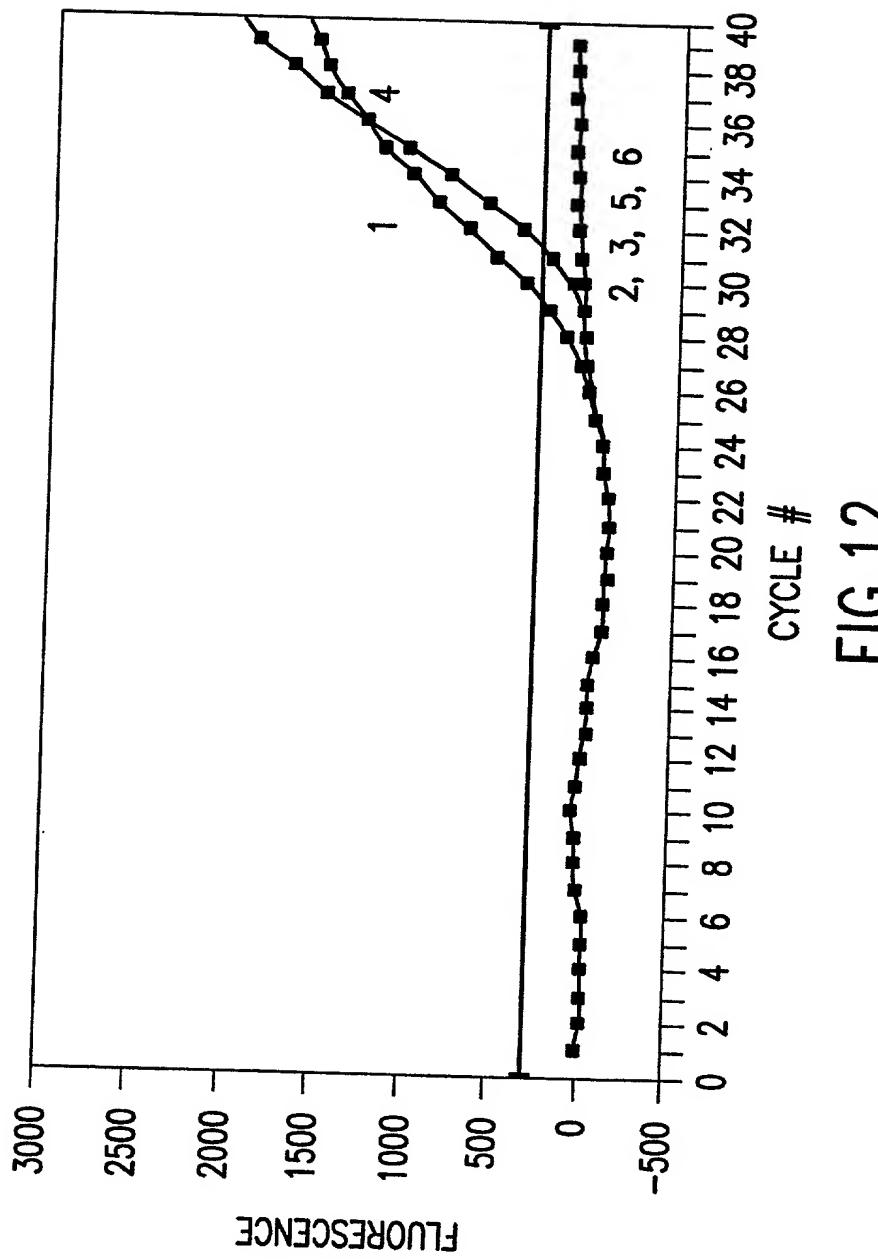


FIG. 12

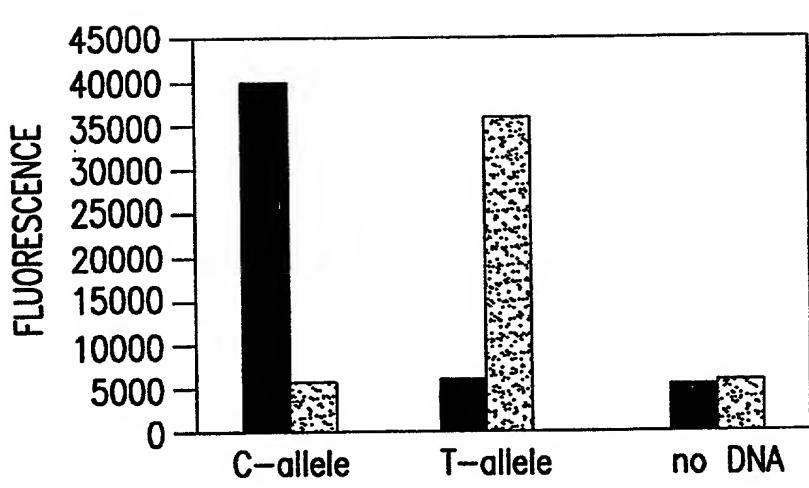
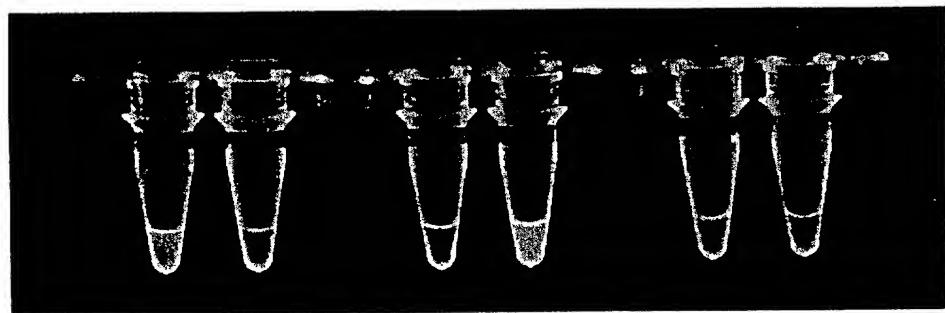


FIG.13A



1 2

3 4

5 6

■ C-primer

■ T-primer

FIG.13B

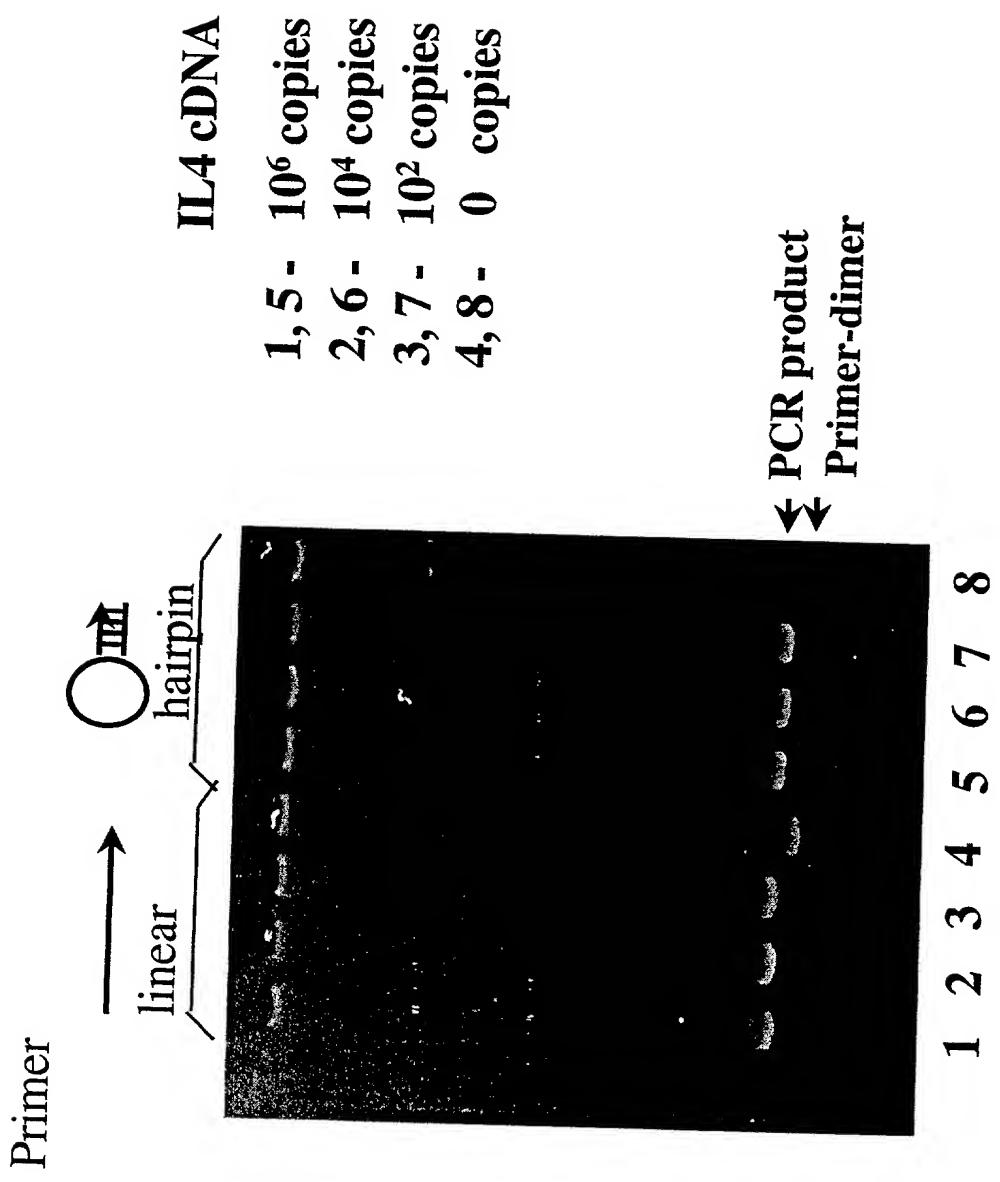
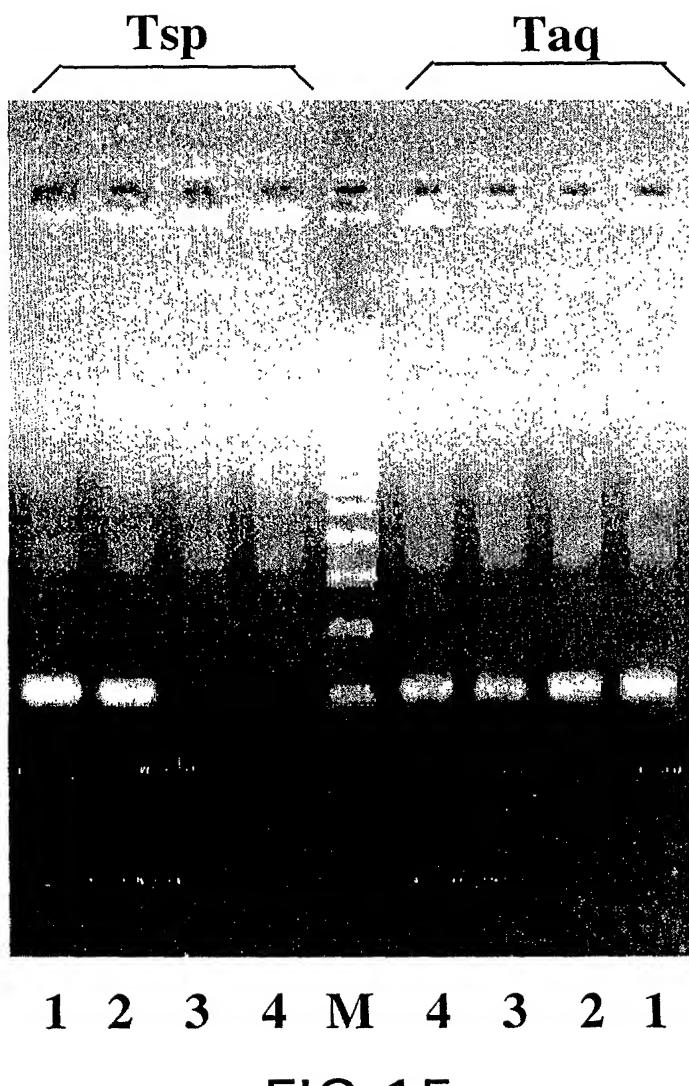


FIG.14



1 - 297 WT
2 - 300 WT
3 - 297 C→T Mut
4 - 300 G→T Mut
M - 100 bp marker

FIG. 15

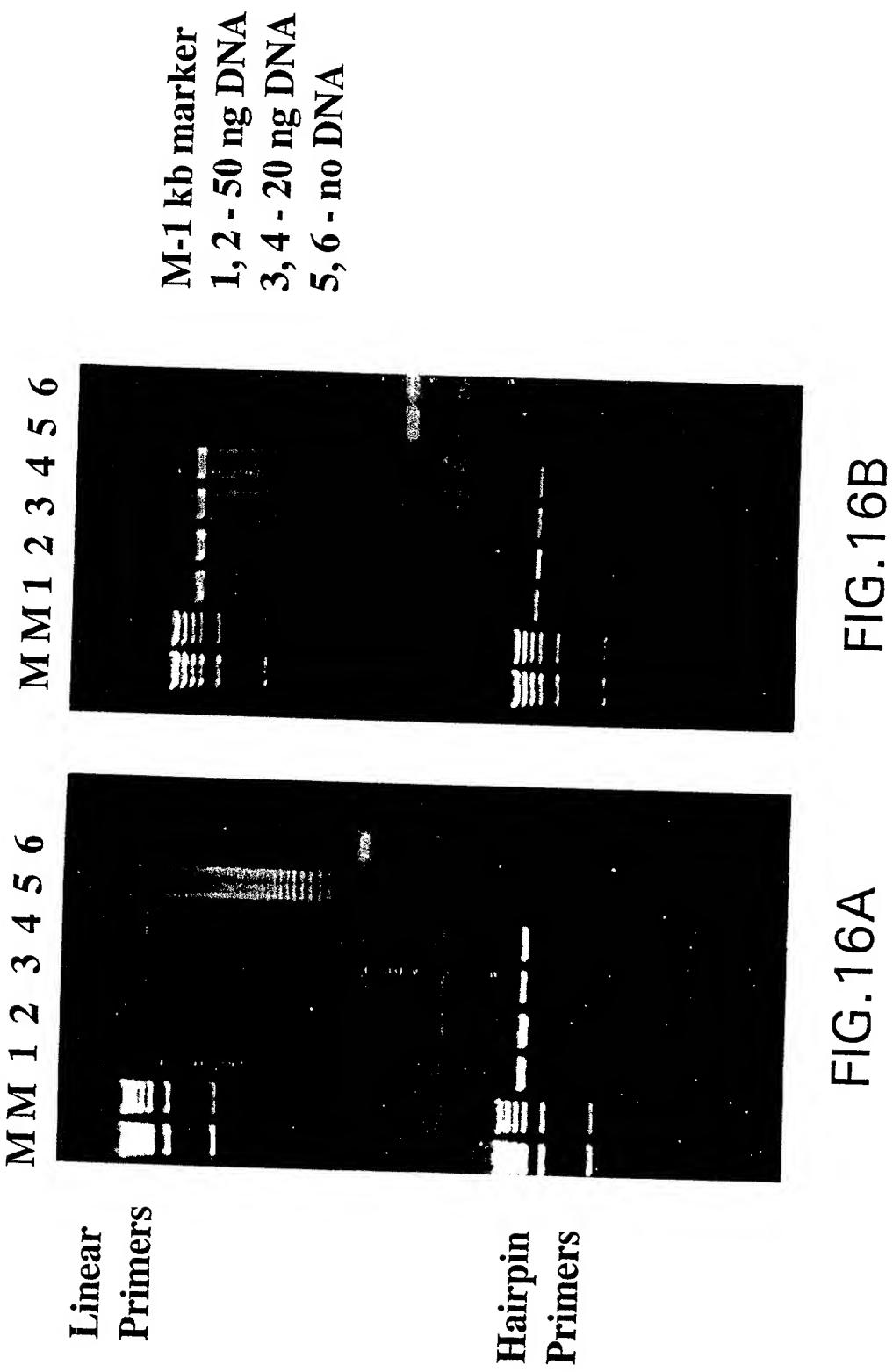


FIG. 16A

FIG. 16B

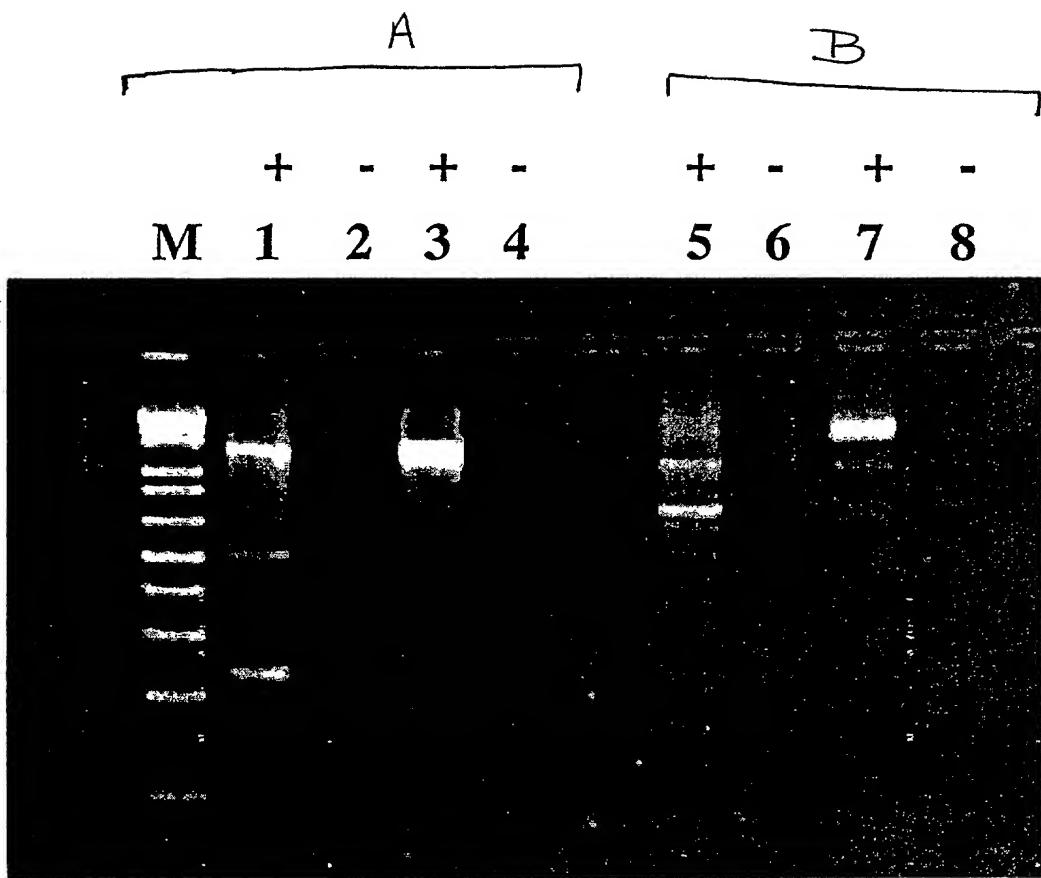


FIG.17(A and B)

FIG. 18 A

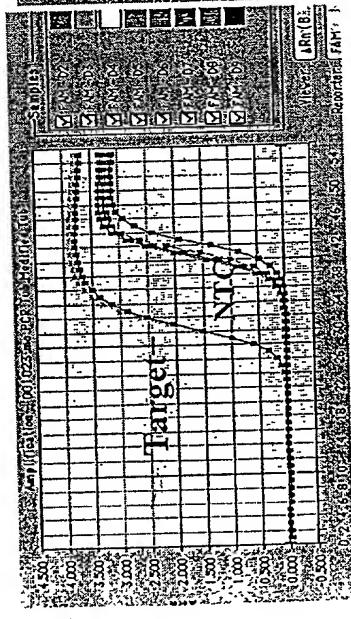


FIG. 18 B

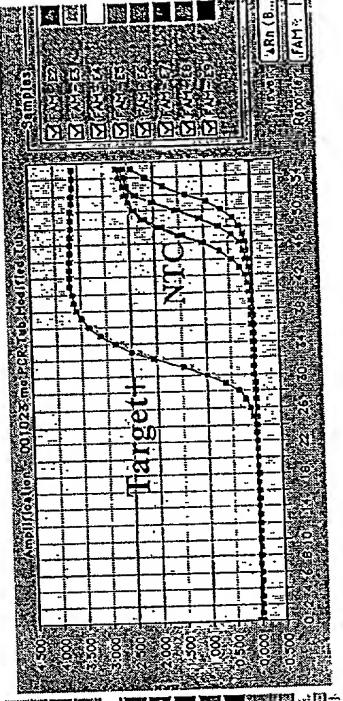


FIG. 18 C

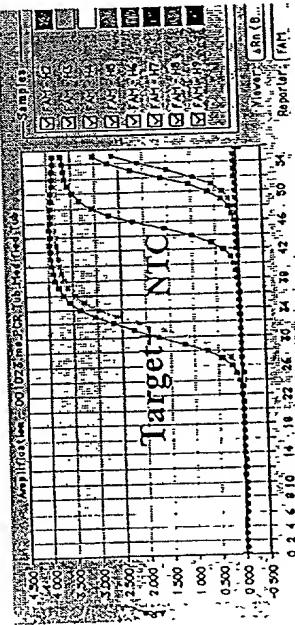


FIG. 18 D

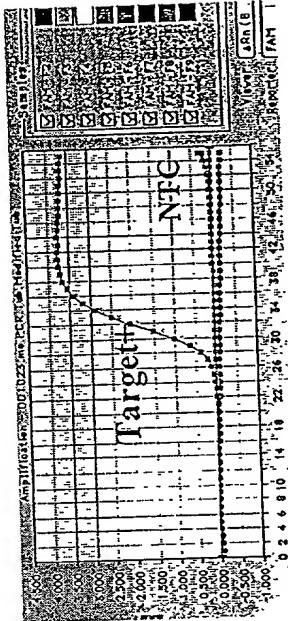


FIG. 19A

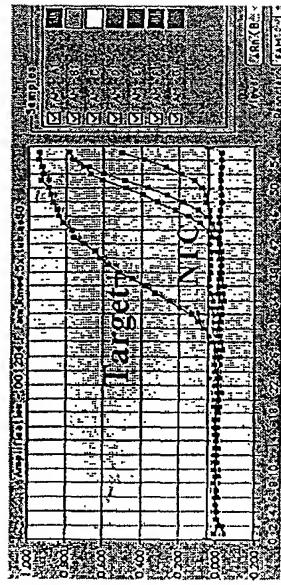


FIG. 19B

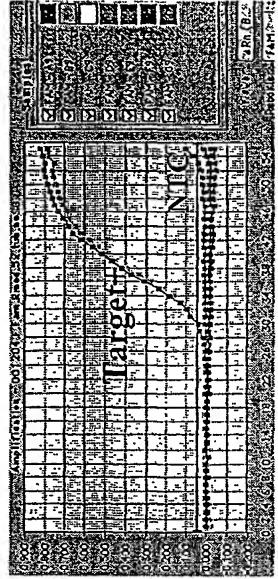


FIG. 19C

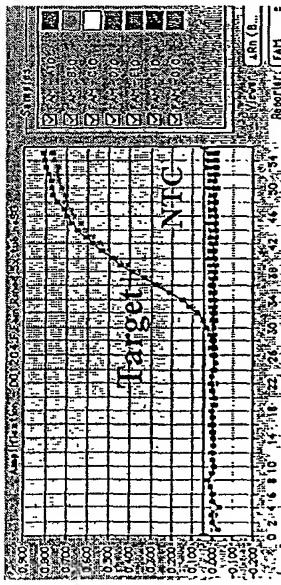


FIG. 19D

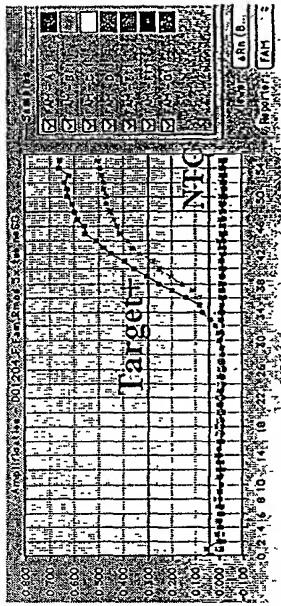


FIG. 20A

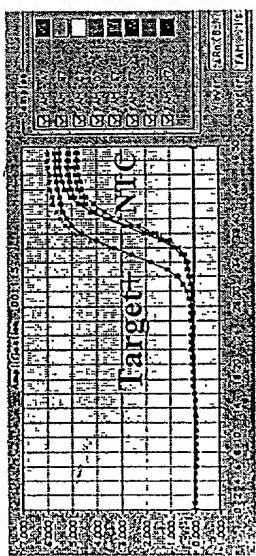


FIG. 20B

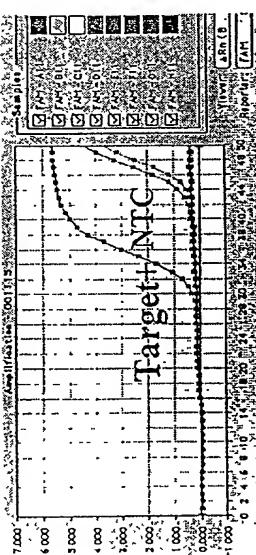


FIG. 20C

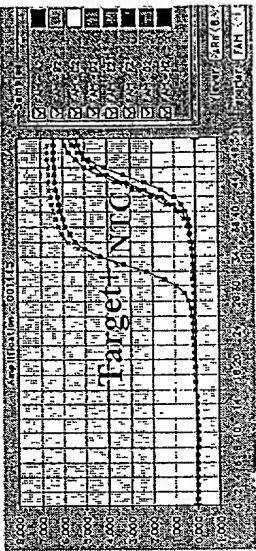
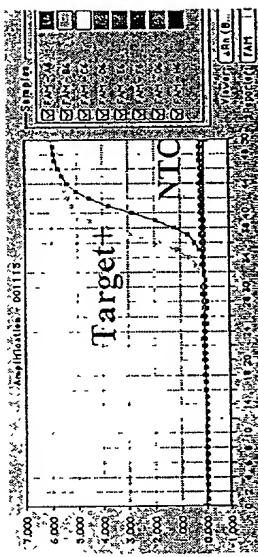


FIG. 20 D



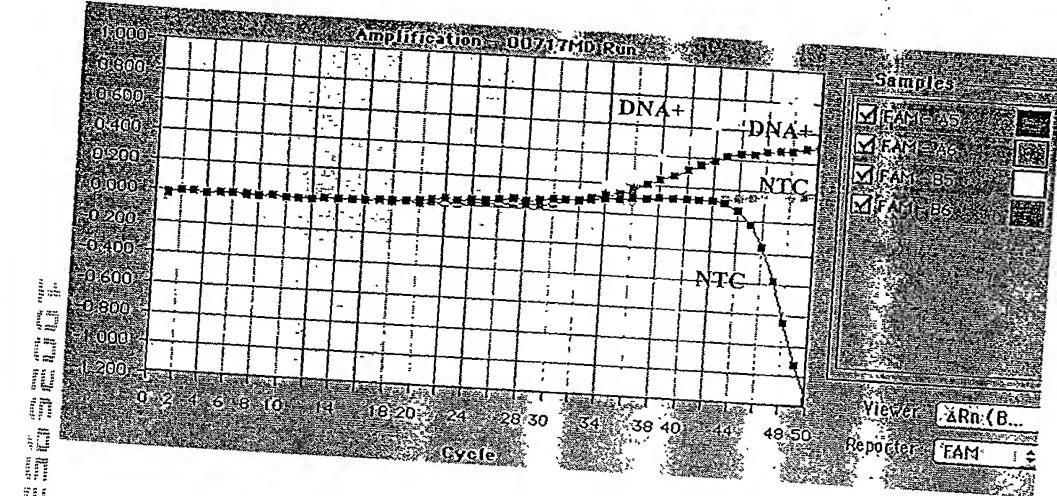


Figure 21

FIG. 22A

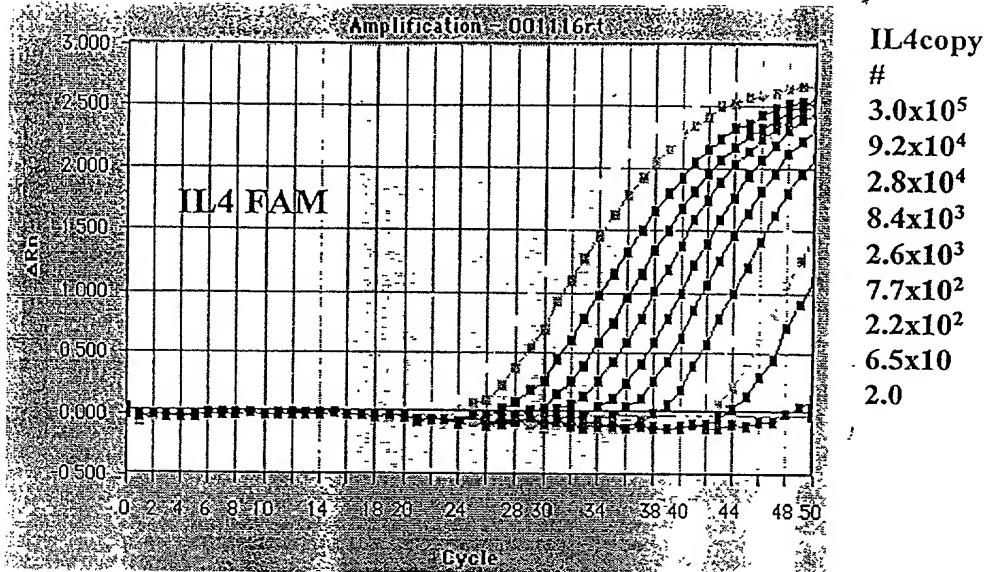
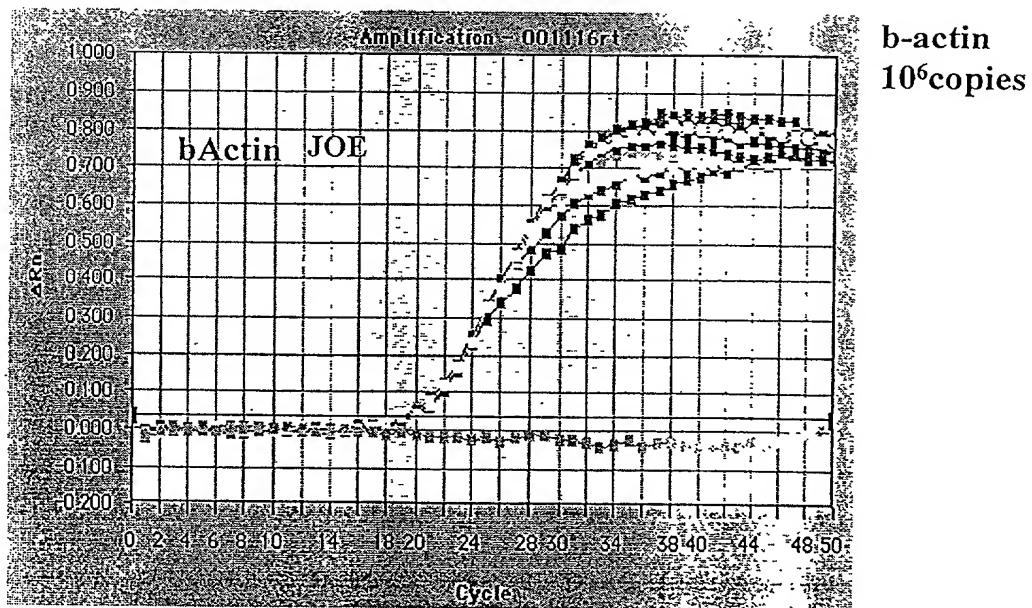


FIG. 22B



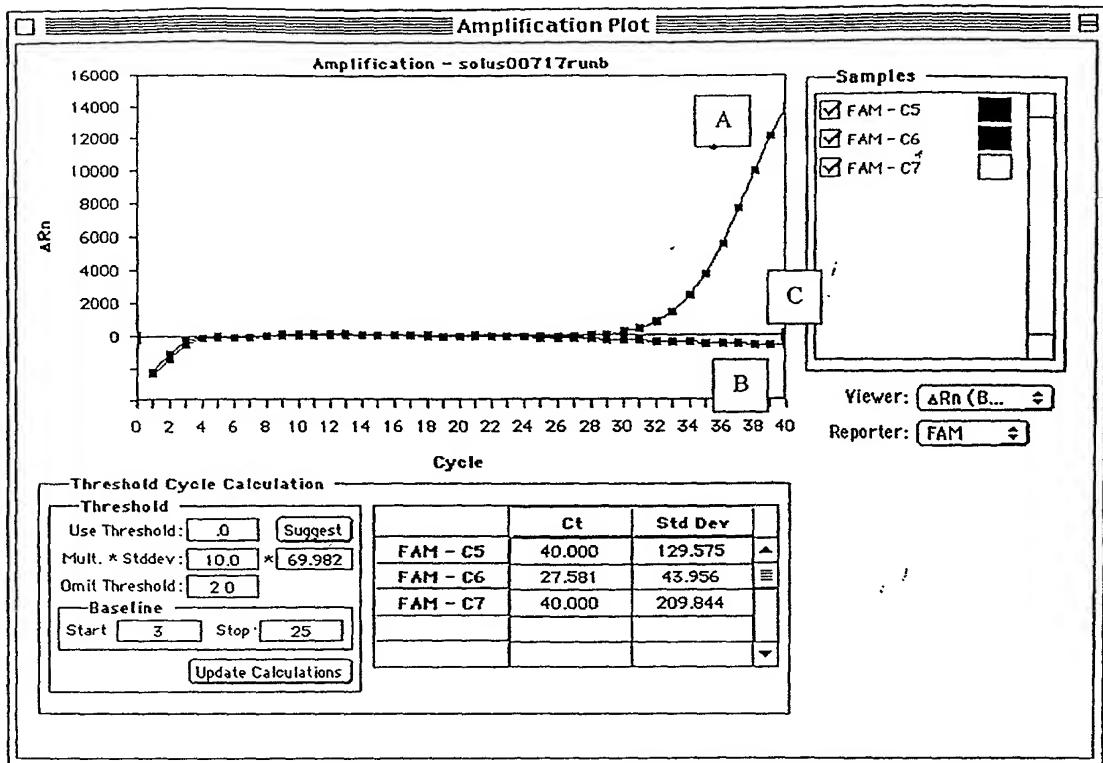


Figure 23

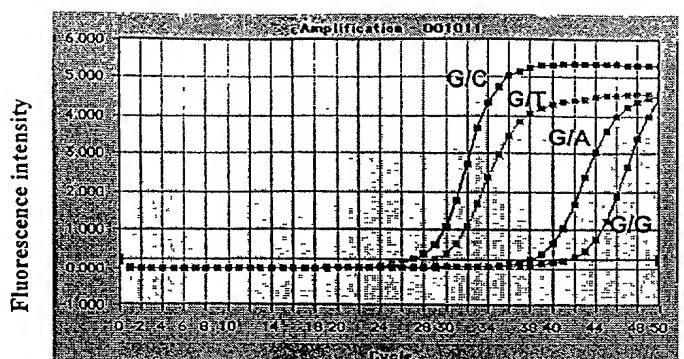


FIG. 24 A

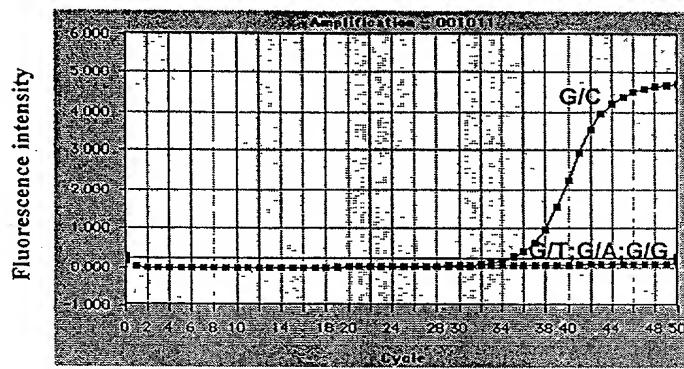


FIG. 24 B

FIG. 2S β

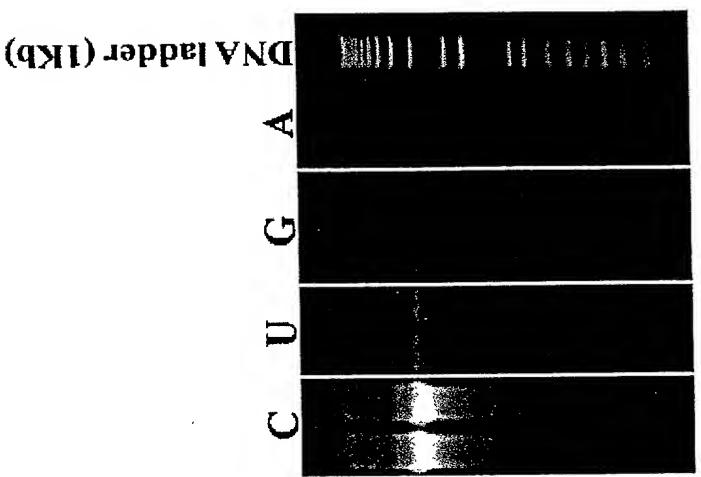
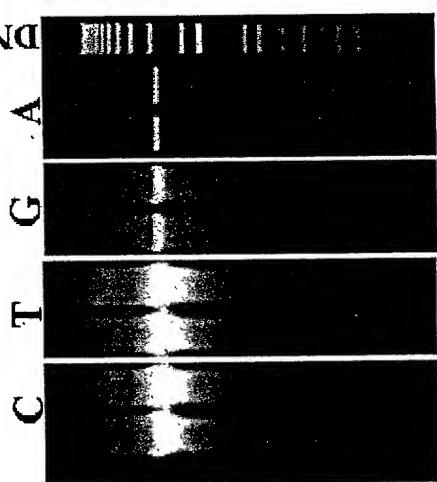


FIG. 2S α



2.7 Kb —

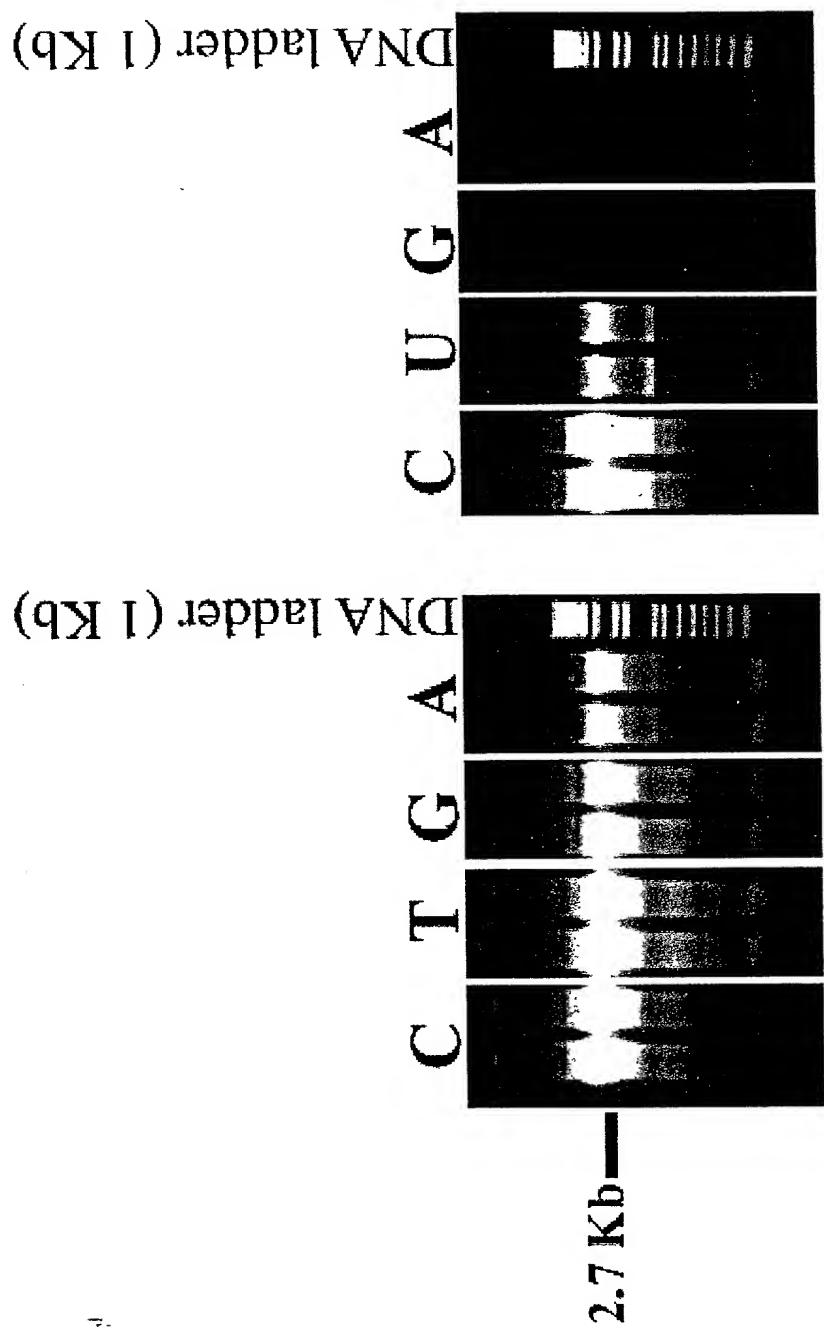


FIG. 26A
FIG. 26B

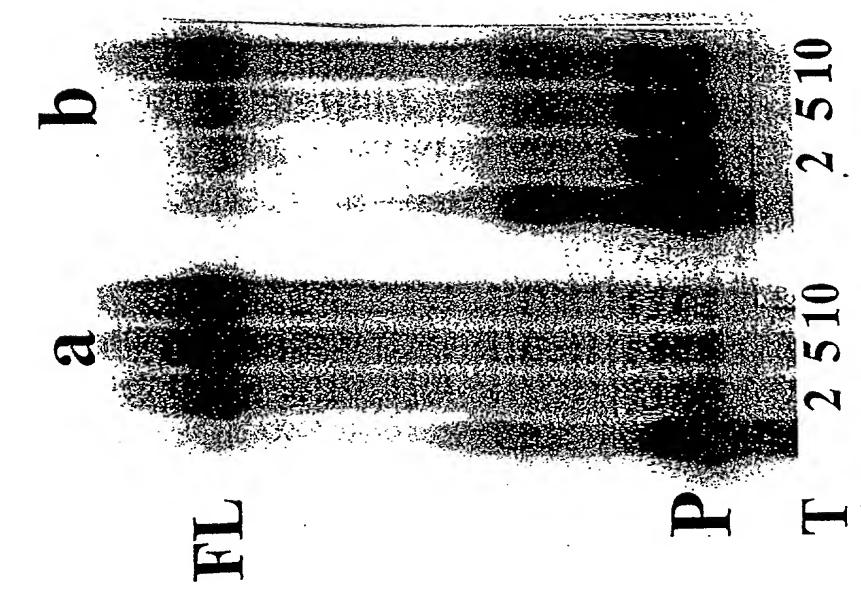


FIG. 27A

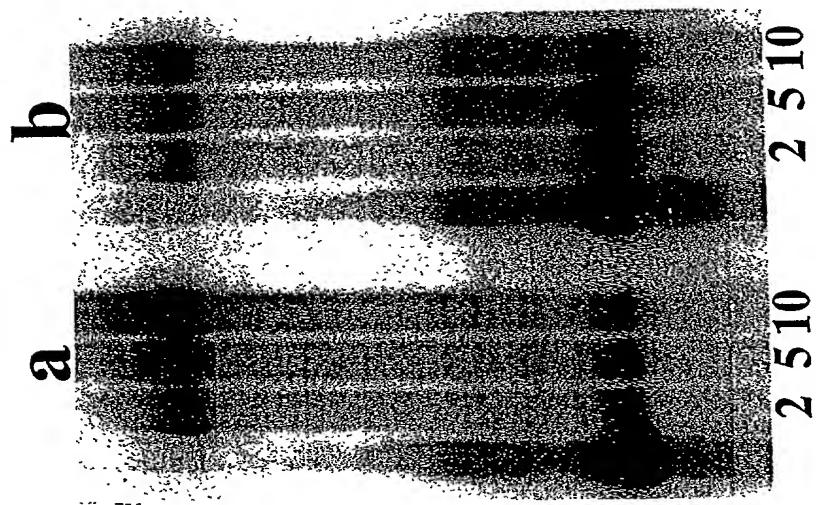


FIG. 27B

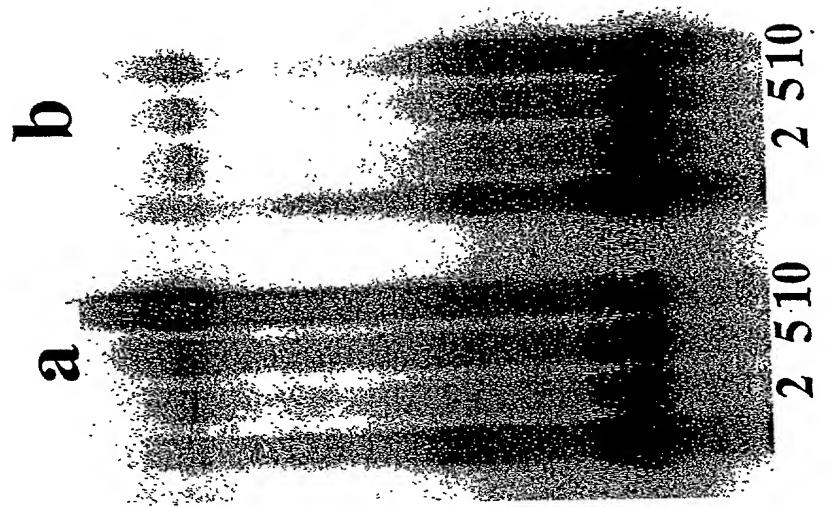


FIG. 27C

FIG. 28

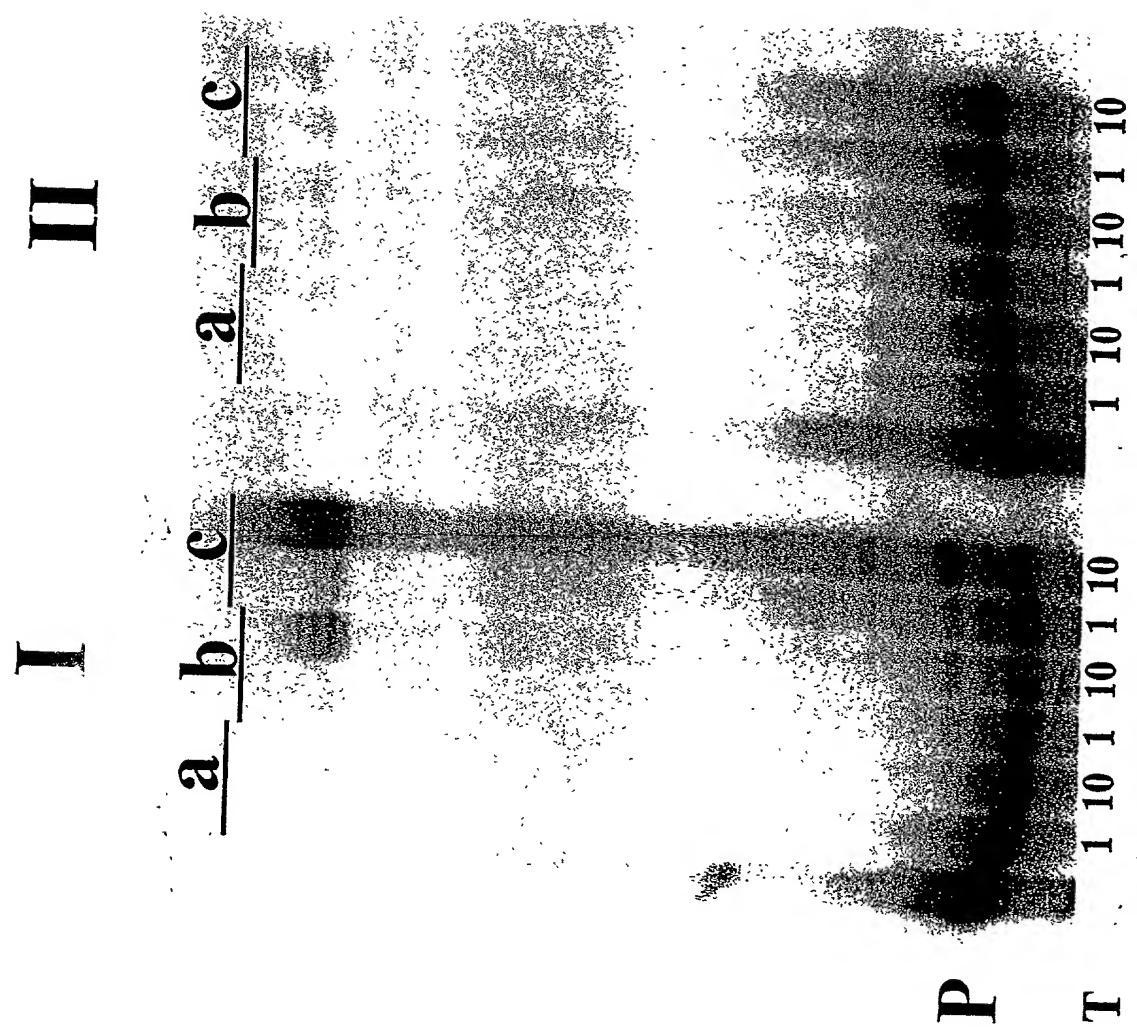


Fig 29

in the same manner as the other two groups.

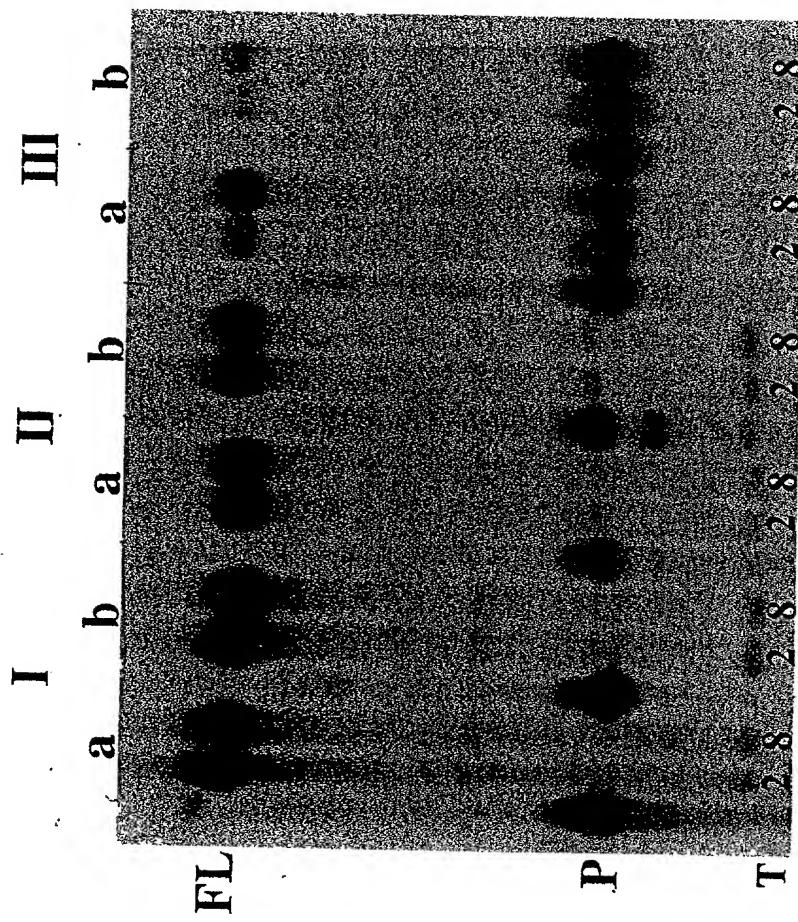
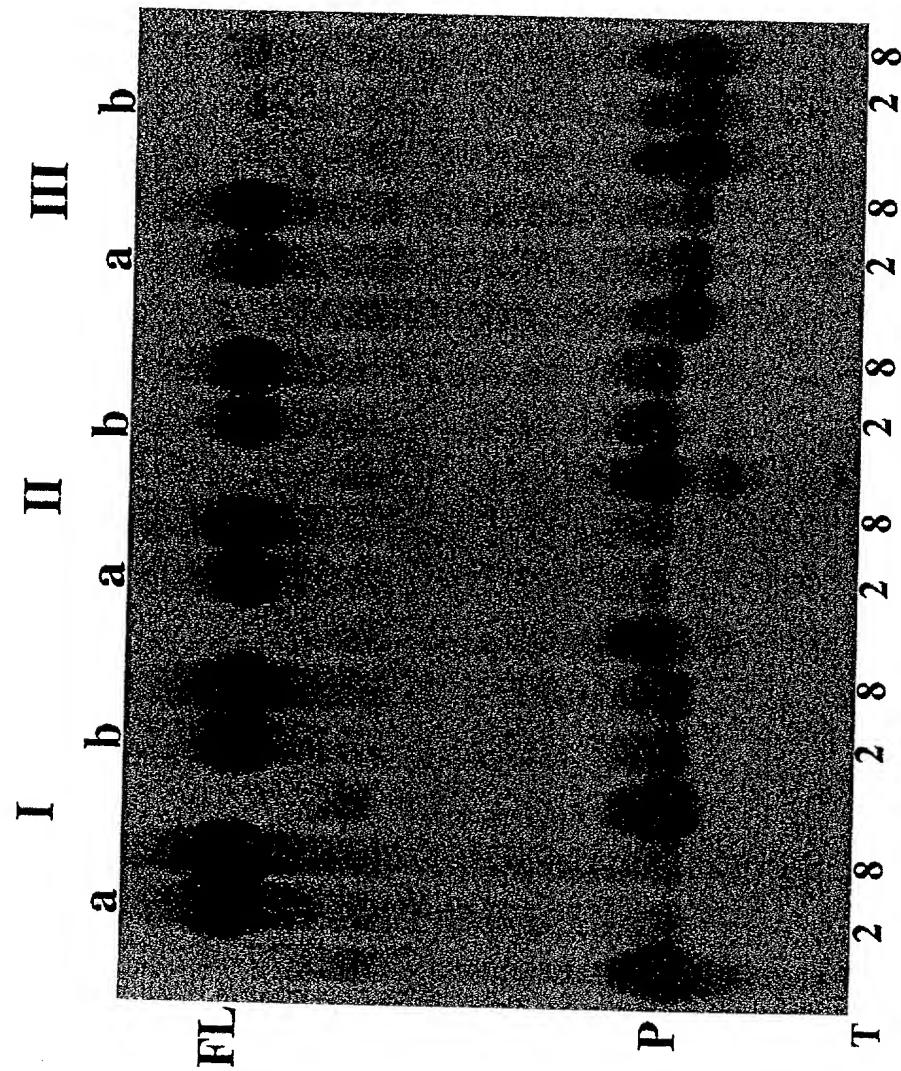


Fig 30



I II III

Fig 31

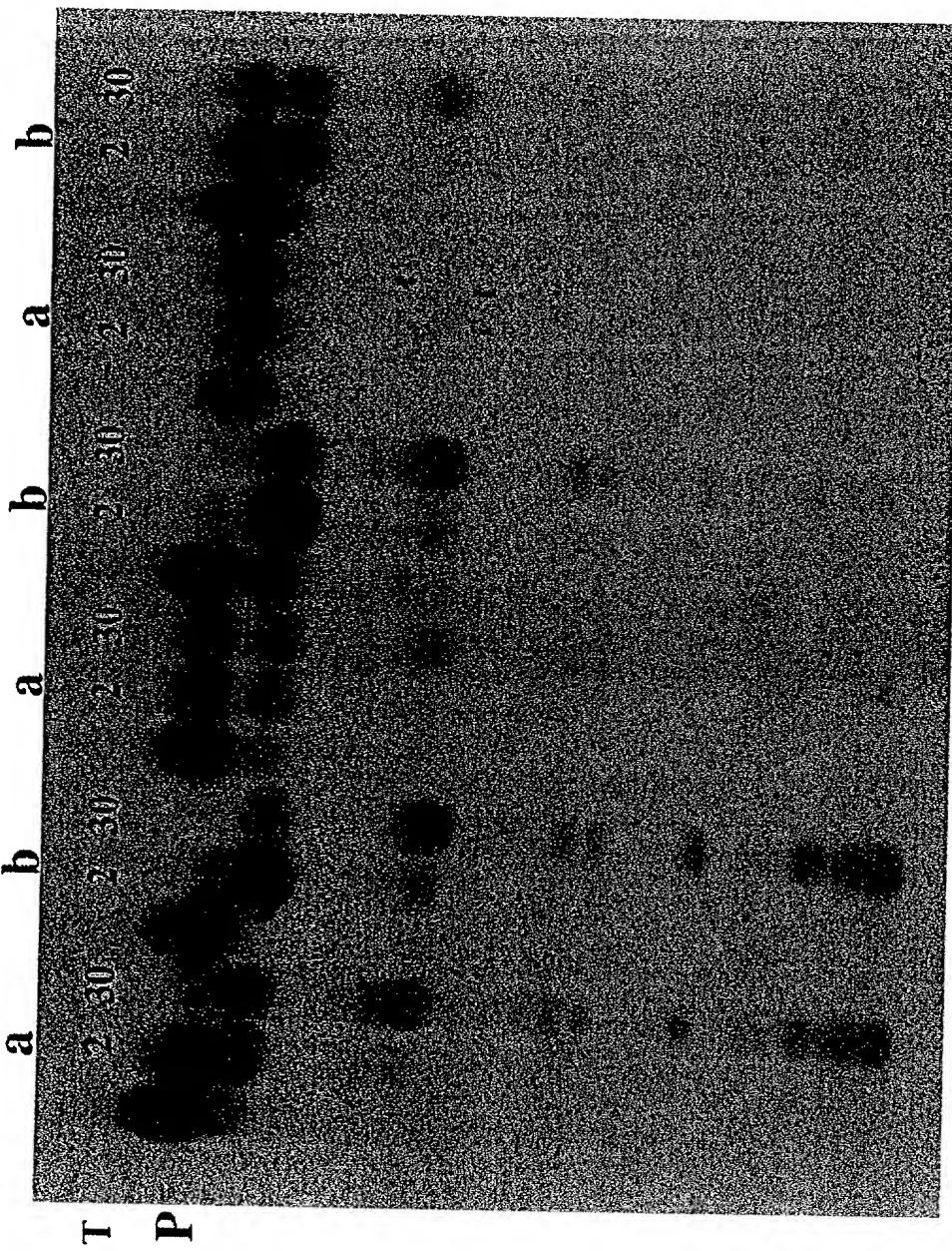
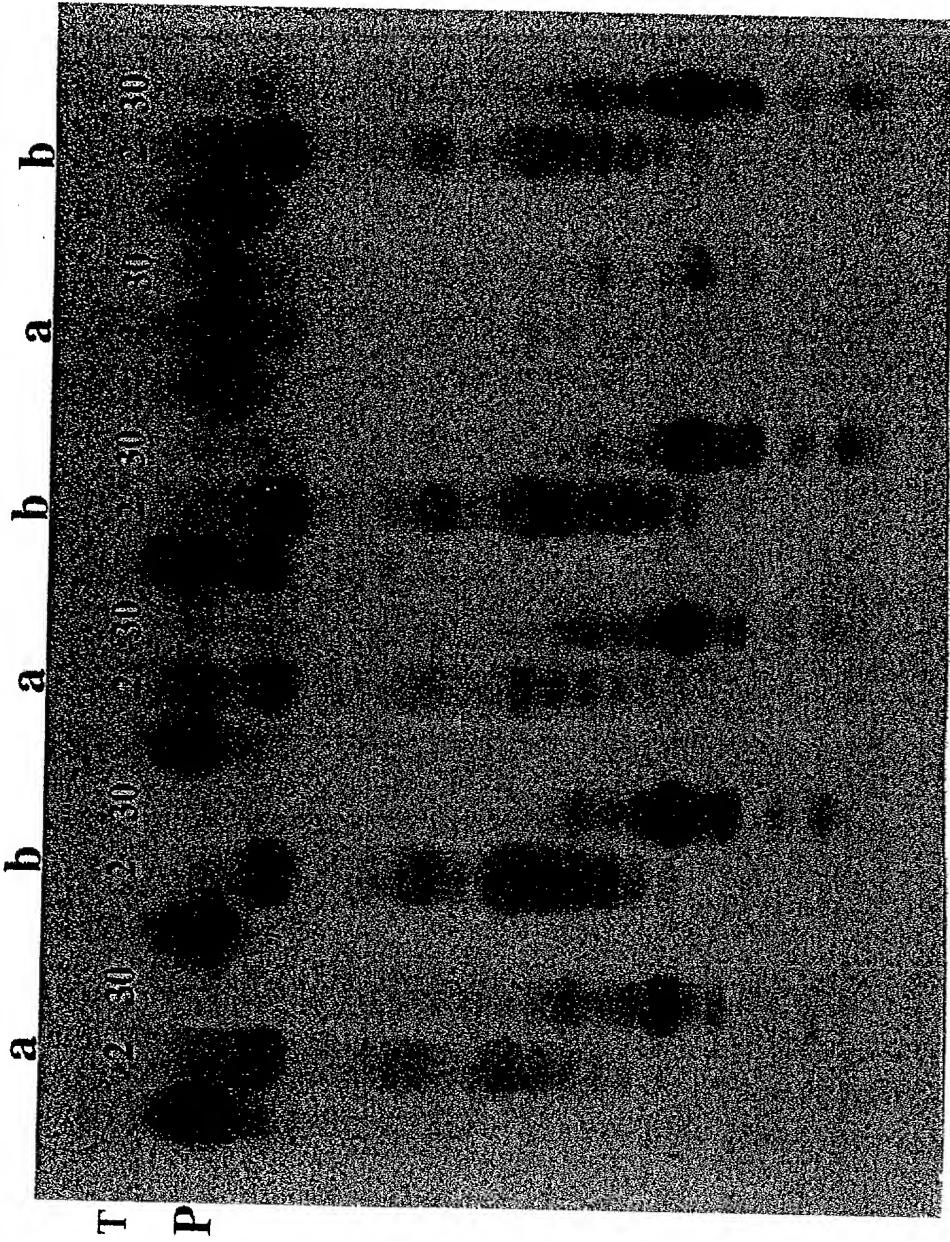


fig. 32

I II III



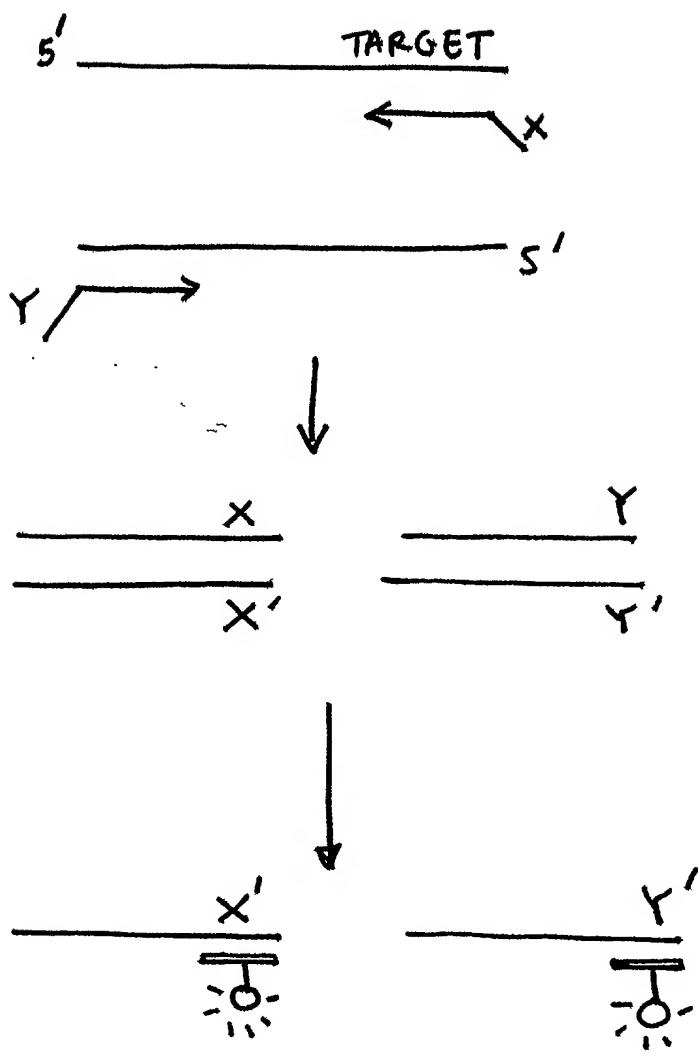


FIG. 33

FIG. 34

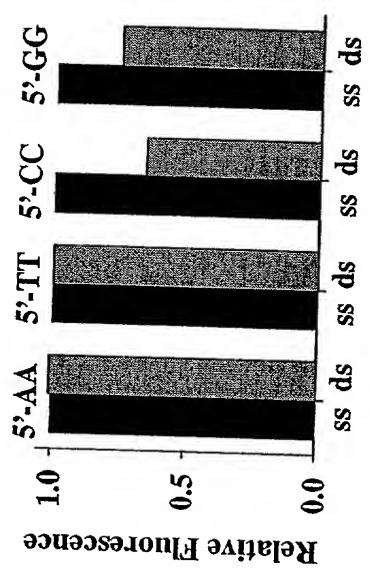


Fig. 35

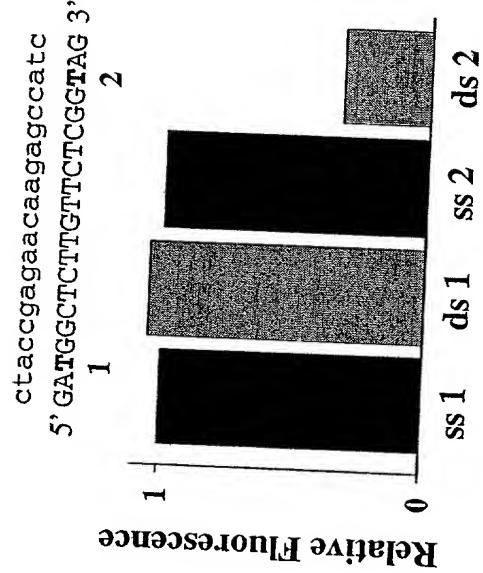
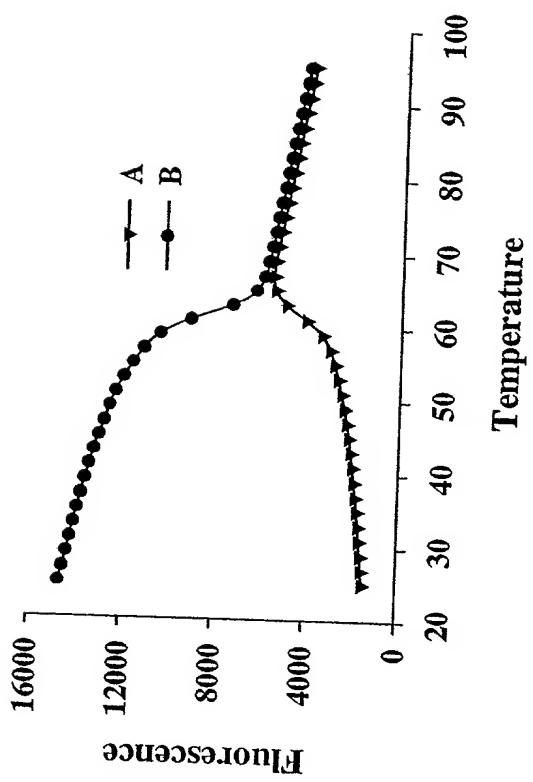


FIG. 36



THE CHURCH AND THE STATE IN RUSSIA

5' ggaagaggtaaccaccggacatctg
3' CCTTCTCATGGTGGCTGTAGAAC



FIG. 37

unun unun

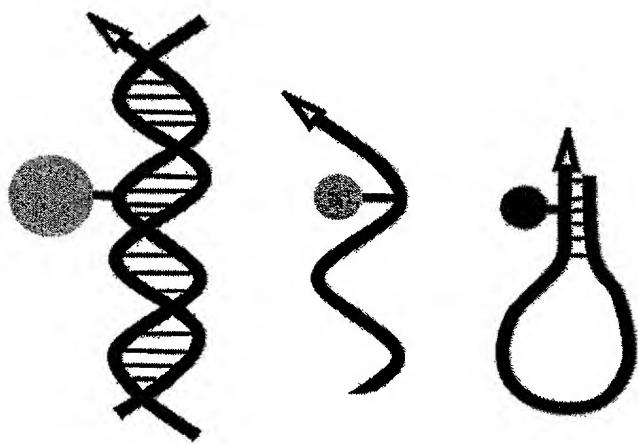


FIG. 38

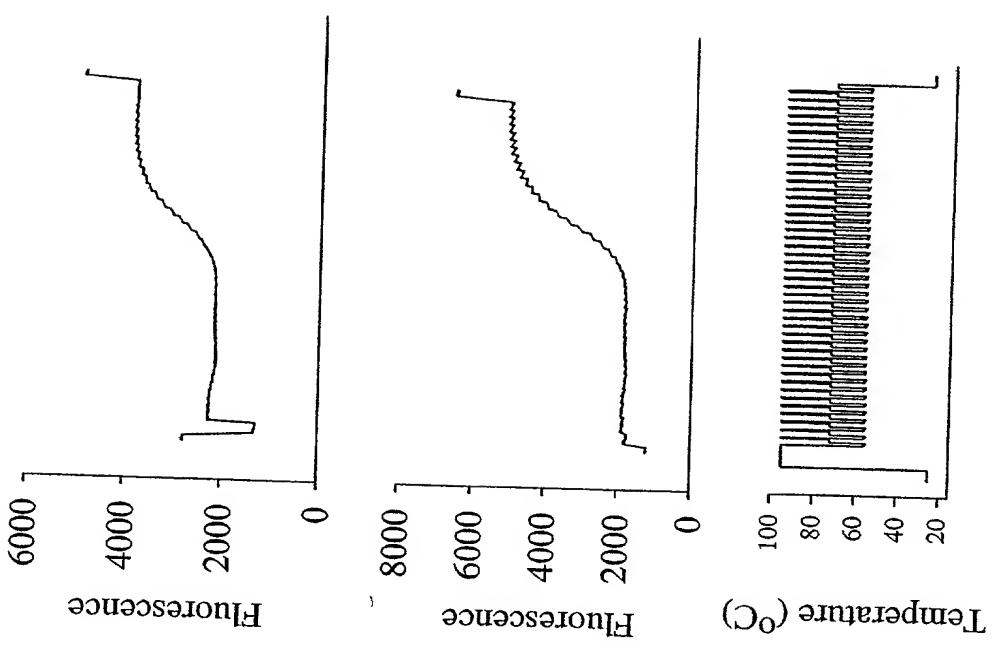
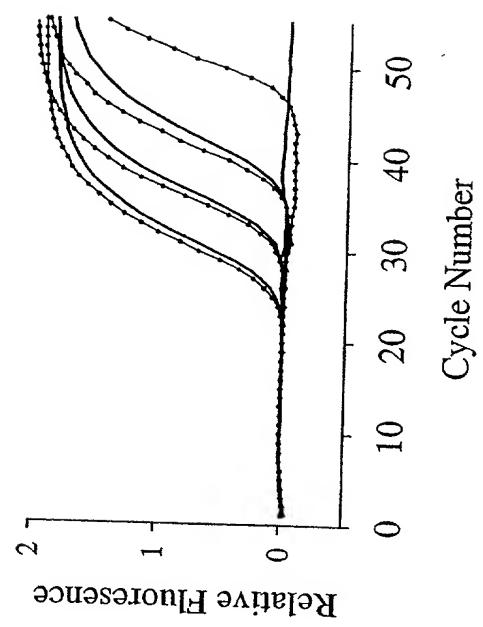


FIG. 40



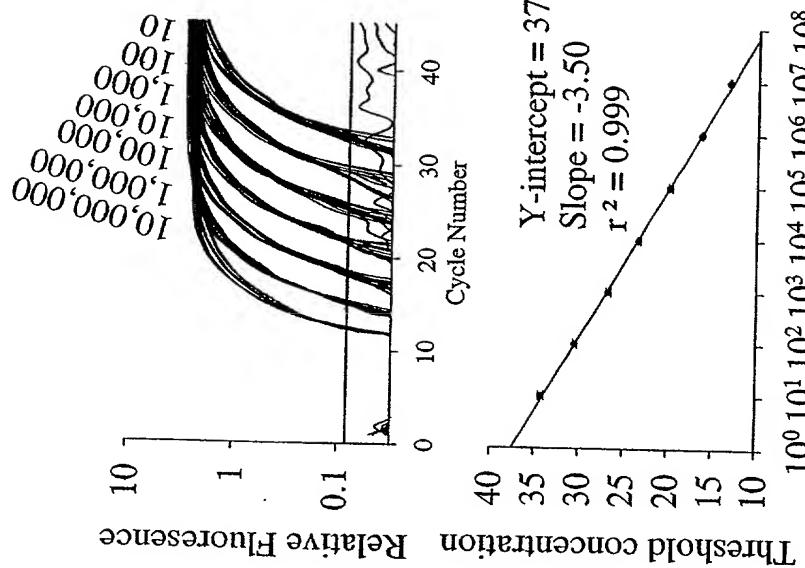


FIG. 41 A

FIG. 41 B

Starting quantity (copy number)

FIG 41

FIG. 42A

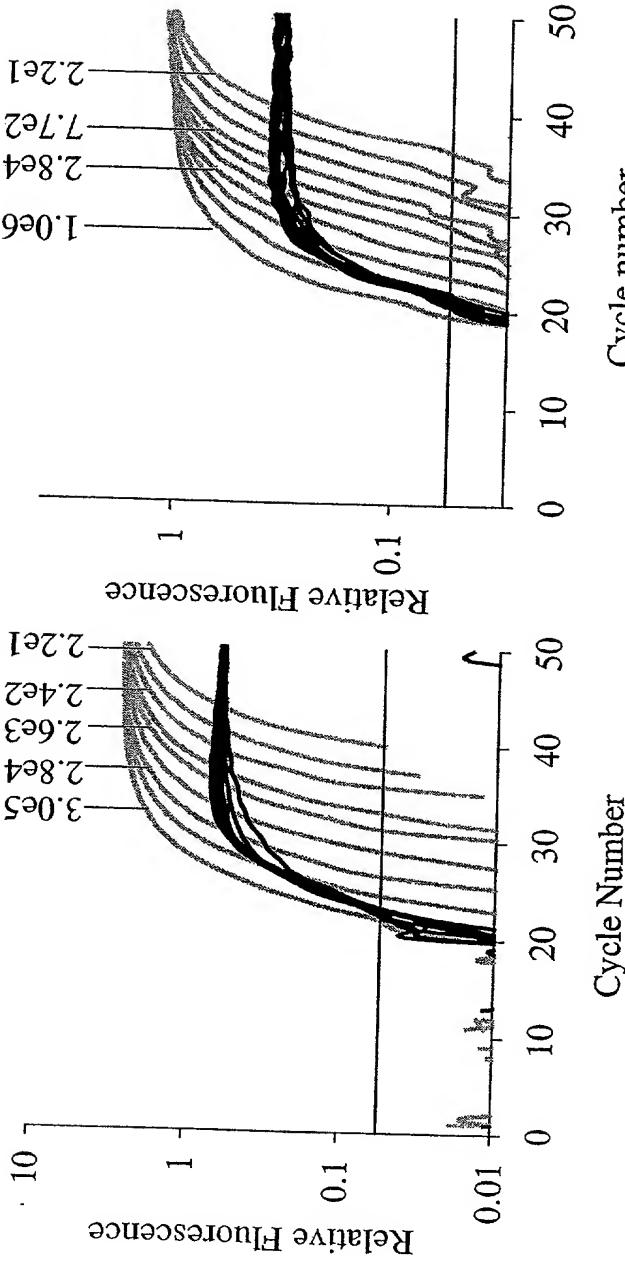


FIG. 42B

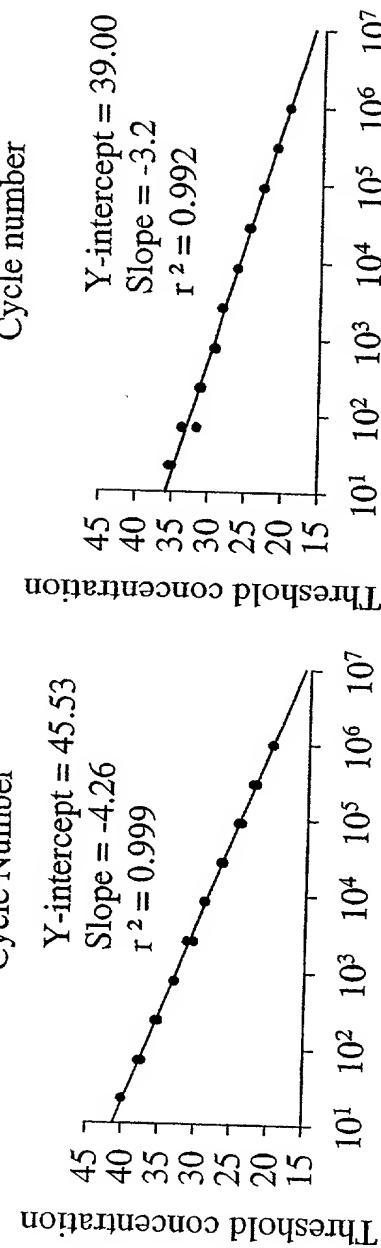
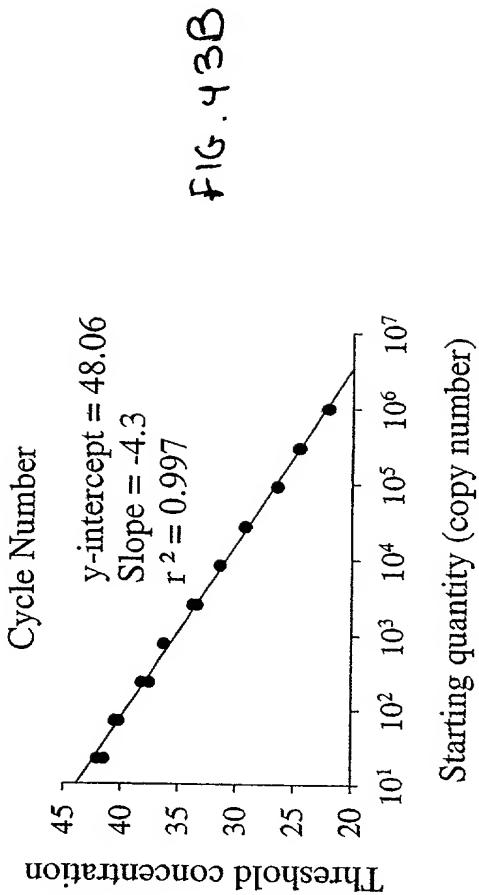
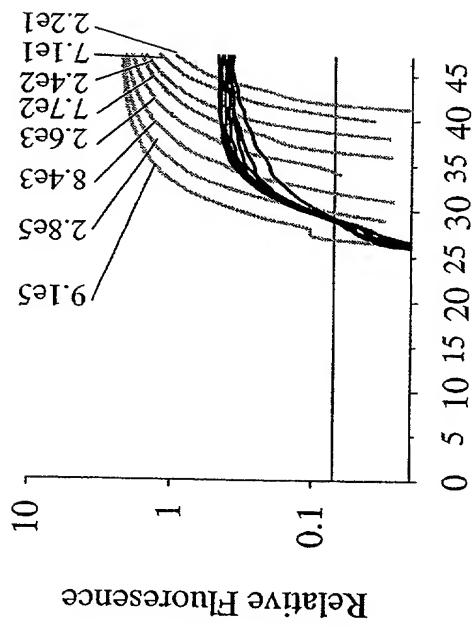


FIG. 42C

Starting concentration (copy number)

FIG. 42D

Starting concentration (copy number)



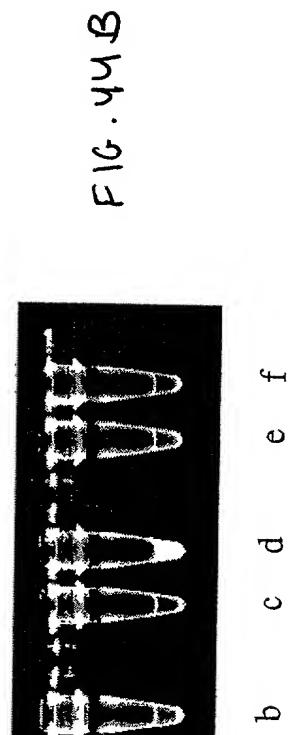
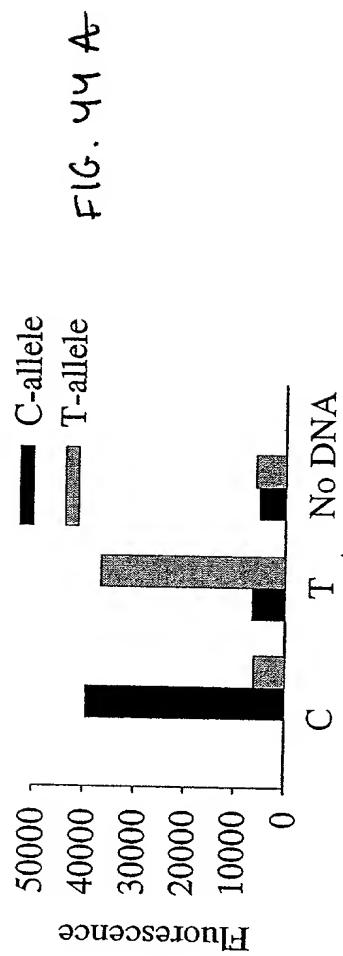


FIG. 45

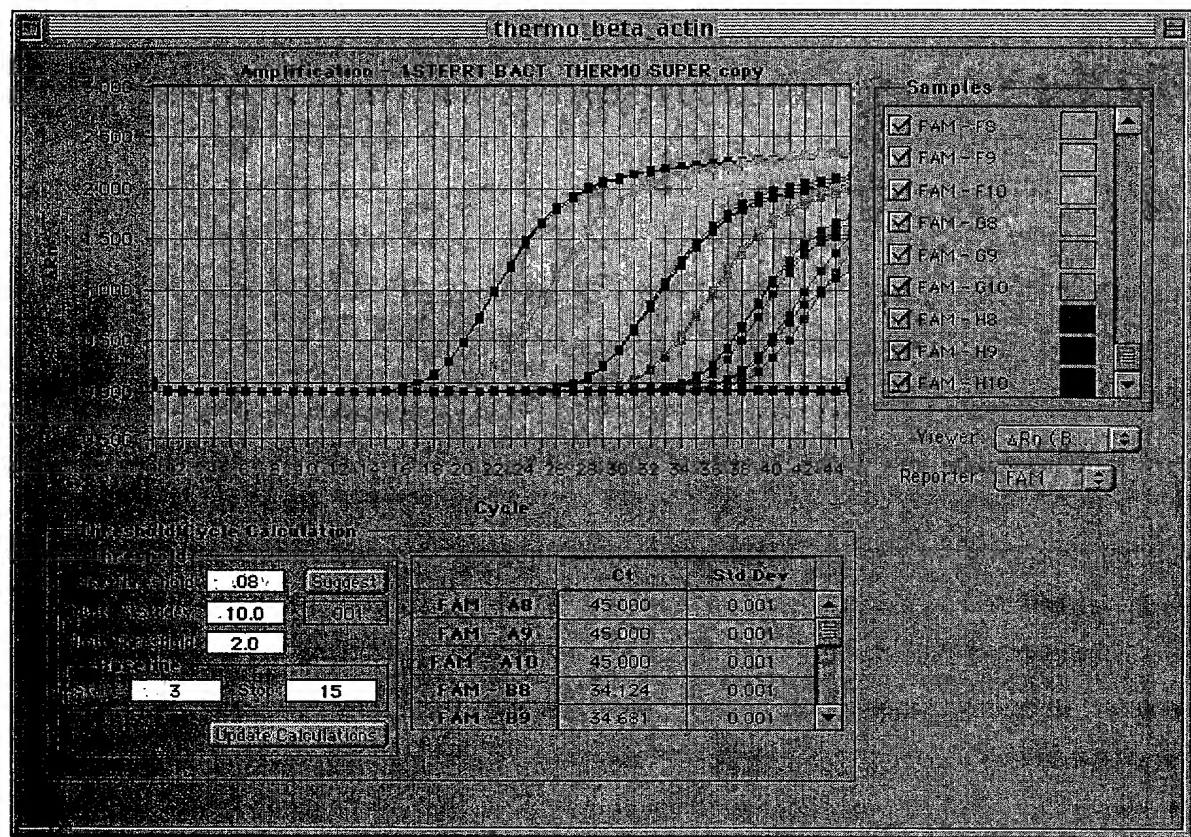


FIG. 46

